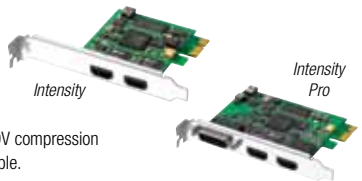
Blackmagicdesign

Intensity, Intensity Pro Affordable HDMI Board

Intensity features the latest HDMI-in high quality capture from connective cameras and digital peripherals. Edit using big-screen HDMI television and video projects or capture uncompressed quality from HDV cameras.
Direct capture from your HD camera bypasses HDV compression for high-quality video. Mac and Windows compatible.



Intensity Pro step-up features—
• HDMI and analog component, NTSC, PAL, and S-video • 2-ch. RCA audio, 2-ch. SPDIF, 24-bit audio

Intensity *(#BLI)* ..... **CALL** **Intensity Pro** *(#BLIP)* **189.05**

Authorized Reseller

Final Cut Express HD 4 Video Editing Software for Mac

Apple's powerful movie-making package now supports the latest AVCHD cameras, features an open-format Timeline, provides iMovie '08 compatibility, and offers sophisticated effects and filters.

• Capture DV, HDV, or AVCHD from your camcorder
• Export projects from iMovie '08 for a final edit in FCE 4
• Sophisticated transitions, filters, effects, and FXPlug plug-ins
• Create pro audio mixes with multiple tracks and filters • Creature dynamic animated text with LiveType

Final Cut Express HD 4 *(#APFCE4)* **140.99**
Final Cut Express HD 4 Upgrade *(#APUFCEHD1235)* **99.00**

Adobe Premiere Elements 8

Video Editing Software

Enhance your stories with professional style. InstantMovie automatically edits together your best clips with coordinated music, titles, over 300 effects, and transitions from the movie theme of your choice. Automatically fix shaky footage and color and lighting problems, trim away all but your best footage, and balance audio elements to give you professional-quality sound throughout your movie. Add sparkle to your scenes from a library of artwork, including fun frames, objects, and animations. When finished, burn to DVD or Blu-ray disc, complete with eye-catching motion menus. *#ADPE8* **79.95**

pinnacle A division of Avid

Studio HD

Video Editing Software

Make great movies easlly with Studio HD video editing software. Use to edit video on most Windows machines, It supports HD video and offers a number of control parameters, including montage themes, transitions, animations, and effects. A drag-and-drop interface allows you to grab photos and videos from your video camera, still digital camera, phone, or computer to create your own high-quality HD movies. Once finished, share your work with friends, family, or the world with Studio HD direct upload to sharing sites like YouTube.

 # PISHV14 ..... **39.99**

Adobe Photoshop & Premiere Elements 8

Photo and Video Editing Software Bundle

Now get Adobe's popular video editing and image editing software applications in one convenient suite. Bring all your video clips and photos together in the powerful, easy-to-use, fully featured new Organizer – the hub of your video and photo experience. Now it's easier than ever to find and view your photos and video clips and even protect them with automatic online backup and 2GB of storage. Capture a single video frame; add text, graphics, and other enhancements; and then put the frame back in your movie for a fun or dramatic freeze-frame effect.

#ADPPE8B ..... **Call or Log-on**

SONY Vegas Movie Studio 9 Platinum

Video Editing and DVD Creation Software

Vegas Movie Studio 9 is a powerful editing and DVD creation software suite designed for home users. The software allows you to capture and organize DV video, edit clips on a timeline, and export the finished movie to DVD or VCD. It even allows you to export movies for use with the PSP, iPod, and YouTube.

• HDV and Sony AVCHD editing
• 5.1 surround sound mixing and encoding
• Direct export to Sony PSP • Advanced 3-wheel primary color correction tools

#SOVMS9PE **71.90**

grass valley

HDSTORM/HDSTORM Plus HDMI-based Editing

HDSTORM allows editors to work with HDMI inputs and outputs. Canopus HQ hardware codec is built-in for CPU-free capture and export. Full-resolution and synced preview of effects. Exploit the possibilities of CPU speeds and push the limits of your workstation when ingesting or creating Canopus HQ files. A separate compression processor brings reliability and system performance to the editing and effects creation environment.

HDSTORM with EDIUS 5 *(#GRHDSPEDIUS5)* **1,249.95**
HDSTORM Plus with 5¼" bay and EDIUS 5 *(#GRHDSPBE5)* **1,269.95**

NewTek SpeedEDIT

Resolution-Independent, Multi-Def Editing

Edit directly on native clips without transcoding or pretrimming content with SpeedEdit's unique Timeline. Perform everyday tasks—like clip replacement and segment repositioning—in fewer steps with the namically linked Timeline and Storyboard. Flexible, resolution-independent, multi-def editing from HD/SD to web streams.

• Real-time, full-res HD previews • Real-time up/down conversion
• Speed HQ codec • 4:2:2 colorspace and alpha channel support
• Render in HD for Windows Media HD, VC-1, or Blu-ray/HD-DVD

#NESE **495.00**

grass valley

EDIUS NEO Video Editing Software for Windows

Built upon the same real-time mixed-format editing features of Edius Pro, Edius Neo offers native editing of various formats including AVCHD, HDV, DV, Windows Media, and QuickTime, for seamless real-time workflow.
Although Edius Neo is an entry-level package, it contains powerful non-linear editing features such as real-time, multi-track, mixed format HD/SD editing, chroma keying, titling, and DVD authoring. The software appropriates increased video bit rates when working on high-performance systems, without video capture hardware.

#GREN2 ..... **169.95**

datavideo CG-100

Character Generator for PC

Datavideo CG-100 software is an affordable character generator. Designed to work in combination with the Blackmagic Design Deckline Card. DeckLink acts as a downstream keyer connected to the SDI Overlay/Graphics input.

• Simple shapes (bars, ellipses, and rectangles)
• Wipe, push and fade • Text rolls and crawls
• Live editing mode for offline/online CG edits
• Text editor • SDI & YUV available

CG-100 *(#DACG100)* **974.95**

800-947-1186 | 212-444-6686 *Quick Dial: 831*

Final Cut Studio

Editing Unleashed

Authorized Reseller

Consisting of six tightly-knit programs (Final Cut Pro 7, Motion 4, Soundtrack Pro 3, Color 1.5, Compressor 3.5, and DVD Studio Pro 4) the all new Final Cut Studio suite ensures seamless integration and file sharing. Travel round-trip between programs with ease—from editing, motion graphics and audio mixing, to color grading and final delivery. Begin with familiar tools, and extend your reach when you're ready. Final Cut Studio's tool kit contains a comprehensive solution to meet any expanding post-production need.

Final Cut Pro 7—The hub of an integrated post-production workflow

- Native editing of HDV, XDCAM HD, DVCPRO HD • 150+ real-time filters, and effects
- Apple ProRes codec let you edit faster and at higher quality across a wide variety of workflows. In addition to the original ProRes 422 and ProRes 422 (HQ), the family now includes ProRes 422 (Proxy) for off-line editing; ProRes 422 (LT) for projects that require reduced file sizes at broadcast quality; and ProRes 4444 for compositing and digital workflows that require the highest-possible quality.
- Redesigned Change Speed window lets you make speed changes without rippling the sequence
- Support for iChat Theater gives editors the ability to collaborate with clients in real-time. Output your video to iChat Theater and talk while your client watches the clips with you.

Motion 4—Professional motion graphics and animation

- See results in real-time as you work • 2D/3D multi-plane compositing
- Add reflections and shadows that respond to lights and objects as they pass through the 3D space
- Text and titling tools, including an Adjust Glyph tool that lets you distort a single character.
- 150+ filters and effects • Paint tool animates brush-strokes • 1500+ design elements

Soundtrack Pro 4—Audio post-production

- Nondestructive, multi-channel waveform editing • 5.1 surround sound mixing
- Surround Panner dynamically automates and manipulates surround sound positioning
- Automatic Audio Conform tracks, manages and synchronizes audio changes to match your video edit
- Automatically down-mix from surround to stereo
- 1000+ surround sound effects and music tracks • 50+ audio effects plug-ins

Color 1.5—Professional color grading

- Create consistent color and feel with 35+ professional color effects and 20+ looks
- Preview color grading adjustments at any resolution in real-time
- Chroma key mattes, advanced masking and motion tracking
- RGB resolutions at 4:4:4 with 32-bit float processing

Compressor 3.5—Industrial-strength encoding tool

- Batch processing to SD/HD MPEG-2, H.264, VC-1, WMV, GXF and FLV
- Open a file, publish it to the Web, or send it to your iTunes library.
- Automatically converts source footage to highest quality and optimizes conversion settings for best results • Presets designed for the most common encoding tasks

DVD Studio Pro 4—Powerful DVD authoring

- Create professional DVDs with interactive features • Built-in Dolby Digital Pro Encoder
- Author SD and HD dual-layer (DVD-9) • Simulator tests DVD interactivity and scripting
- Prepare industry compliant projects for commercial replication
- Create motion menus w/ 30+ pre-designed menu templates and transitions

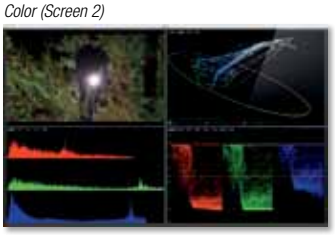
Mac Universal

Soundtrack Pro

Motion

Color (Screen 1)

Color (Screen 2)



DVD Studio Pro

Compressor

Final Cut Studio *(B&H # APFCS3Q)* **859.95**
Final Cut Studio Upgrade from Final Cut Studio 2 *(B&H# APUFC2FC3)* **249.95**
Vasst Final Cut Training Bundle: Get the most from Apple Final Cut Studio with this 15-volume (DVD) series. Hosted by the highest level of trainers including Richard Harrington, Abba Shapiro, Gary Adcock, Mason Dixon, Chris Phrommayon, and others. *(VAATFCS115)* **599.00**

Euphonix MC Control

MC Control offers hands-on control of Final Cut Pro (and other applications) in a slim, portable design. It has host of powerful features to speed up and enhance video and audio editing, including a customizable high-resolution touch-screen interface, jog/shuttle wheel to quickly navigate through projects, and four motorized faders and eight knobs to quickly set audio levels and panning.

- Preprogrammed touch-screen Soft Keys for Final Cut and other media applications
- Soft Key editor to program custom Soft Keys for any function or macro command
- Jog/shuttle/zoom wheel and transport controls • 4 touch-sensitive motorized faders
- 8 touch-sensitive rotary encoders • Control multiple applications & workstations via Ethernet
- Expandable with MC Transport and/or MC Mix units

#EUMCCONTROL **1499.00**

Euphonix MC Transport

MC Transport provides professional, hands-on control and navigation of media applications like Final Cut Pro, Logic Pro, Pro Tools and more. From its ultra-high resolution optical jog wheel and shuttle ring to ergonomic transport controls, programmable Soft Keys and integrated numeric key pad, MC Transport provides you with one-handed access to almost every facet of your project for an unmatched editing experience.

- Weighted, optically encoded jog wheel and shuttle ring
- 7 ergonomic transport/navigation keys with multi-color status LEDs, 6 programmable Soft Keys
- Numeric keypad for time code/marker navigation
- Control multiple applications & workstations via Ethernet
- Expandable with MC Control and/or MC Mix units

#EUMCTRANSPORT ..... **Call**

BORIS FX Blue 2.5

Real-time 3D and Motion Graphics Solution

Blue 2.5 is a standalone 3D compositor as well as a plug-in for After Effects, Premiere Pro, and Avid editing systems. Designed for editors and compositors who want to create stunning 3D looks without the learning curve and render times associated with 3D applications. Perfect for post facilities, Blue 2.5 uses latest-generation GPU-based graphics cards to provide an interactive effects design experience. Delivers real-time processing of 2D and 3D effects as well as real-time playback of video and audio media. Users can adjust effect parameters during playback, a "front room" capability that is ideal for working side-by-side with clients. The fast export to disk, including hardware-rendered anti-aliasing, motion blur, and 3D shadows, provides significant time-savings.

For Windows *(#BOCB2F)* **264.95**

BORIS FX

Continuum Complete 6

Video Effects Plug-ins

Continuum Complete 6 is an expansive plug-in filter set that lets you create effects from the practical to the inspired directly in your native host interface for unprecedented workflow. Nearly 200 filters include advanced keying, matting, compositing, image processing, distortion, temporal effects and motion tracking. These filters provide the creative freedom to animate your graphical elements or video at any speed, acceleration, or position you want.

- "Digital repair"-style filters such as Smooth Tone, DV Fixer, and Pixel Fixer
- Hundreds of factory-installed animated presets
- Over 1500 factory-installed static presets
- Presets can be modified with a standard text editor
- Volumetric lighting effects and glows
- Specular lighting special effects such as Glint, Glare, Glitter
- Compositing tools such as Light Wrap and Matte Choker
- Natural effect generators such as Snow, Rain, Fire, Stars
- Motion Key for automated foreground object removal
- Film Look effects such as Bleach Bypass, Damaged Film, and Grain Match
- Optical Flow-based image retiming and motion blur effects

For Mac *(#BOCC6AEM)* and Windows *(#BOCC6AEW)* **889.95**

BORIS FX

Final Effects Complete (FEC)

Visual Effects Filters

Final Effects Complete offers a collection of over 100 effects plug-ins for leading nonlinear editing and compositing solutions. Ranging from graceful blurs and edges to radical warps and particle generators, FEC dramatically augments your creative arsenal without forcing you to learn a new application. The simplicity of the filters combined with the native host interface, reduces the learning curve to virtually zero. Most filters feature less than a dozen parameters; only a few simple adjustments are required to create totally unique organic effects.

For Mac *(#BOFEC5AEM)* and Windows *(#BOFEC5AEW)*..... **894.95**

Avid Media Composer • Media Composer Mojo DX

The world's most powerful film and video editing software, Avid Media Composer offers the deepest editing tool set in the business, complemented by a full range of workflow-enhancing graphics, effects, encoding, audio generation, and mastering tools. It also features rock-solid media management, file-based workflows and mobile editing capabilities. Native, direct access to the most popular camera formats and resolutions increases productivity and opens to the doors to more clients. On a laptop or a desktop, Media Composer, streamlines the path from file-based footage acquisition, to on-set editing, to full finishing, while preserving every creative decision made along the way. Match shots quickly with the industry-standard Avid color correction toolset. Work in high-quality HD with Avid DNxHD 36. And push the envelope with SpectraMatte keying, Fluid Motion time effects, Boris Continuum Complete, Avid FX and a wide range of third-party AVX2 plug-ins.

Media Composer Mojo DX combines Media Composer with Avid Mojo DX hardware. The Mojo DX architecture tightly connects the host workstation and PCI Express I/O hardware into a single high-bandwidth, high-performance effects engine. The architecture is optimized for highly responsive real-time editing using the latest generation of HD codecs, including HDV, XDCAM-HD, DVCPRO HD, AVC-I, and Avid DNxHD.

- Multi-format open timeline with native, direct access to HDV, XDCAM-HD, XDCAM-EX, DVCPRO HD and AVC-I, Avid DNxHD 36 (the perfect solution for HD offline) and uncompressed 10-bit HD in progressive 720p, 1080p and interlaced formats. No need to transcode, even when mixing codecs.
- Included Sorensen Squeeze and Avid DVD by Sonic (PC only) let you go out to to DVD, Blu-ray, or the Web.
- Extensive family of integrated real-time effects from transitions to 2D & 3D effects, moving mattes, tracking, high quality keys and rampable motion effects
- Intraframe™ editing with paint, AniMatte™, scratch removal, blur and mosaic
- Access P2 and XDCAM-HD/EX files directly from disc or card, with metadata. Edit the media in its native format and play out or write back directly to disk or card.
- Create offline media files from DI sources (R3D, DPX) using MetaFuze® software
- Stereoscopic editing support
- Save time with automatic syncing of audio and video and seamless tracking of timecode, KeyKode, and other metadata.
- Insert the sequence timecode based on project type when exporting the timeline audio tracks as BWF (Broadcast WAV). Provides fast and easy sync reference for downstream process that do not support OMF or AAF such as slave playback devices.

Media Composer 4.0 for Macintosh and Windows *(# AVMCS4)* ..... **Call or Log-on**
Media Composer 4.0 Editing Software Upgrade & Mojo DX Hardware for Macintosh and Windows *(#AVUMDXH)* **7495.00**
1-Year Assurance for Media Composer *(# AVA1YMC)* **955.20**

CLASS ON DEMAND Complete Training for Avid Media Composer

This training will give you the solid foundation needed quickly and easily get started with Avid Media Composer. Learn to edit like a pro regardless of past software experience. Award-winning editor, Steve Hullfish, will guide you through a series of information-packed lessons. Cutting the Promo, Settings, Capture and Import, Organizing, Basic Editing Tips, Trimming, Audio, Effects, Color Correction, Output and Export and more.

#CLTAMC..... **129.95**

Avid Liquid Pro 7

Avid Liquid Pro 7 is a powerful SD and HD video editor with integrated DVD authoring; surround sound audio processing and 1000s of powerful real-time effects. Liquid's integrated toolset provides all of the tools needed to create the highest quality productions and finish to tape, DVD or web streams. Offers IEEE1394 (for DV and HDV), component, composite and S-Video input and output. Stereo and S/PDIF audio I/O as well as 6-channel surround sound monitoring is available via a simple to set up USB 2.0 connection.

- Frame-accurate editing of HDV content.
- Real-time effects engine provides multiple streams of HDV, video monitoring with Liquid Pro and a smooth workflow for finishing in SD or back to HDV tape.
- Edit DV, MPEG I-frame, MPEG IBP, uncompressed, Windows Media, DIVX and MPEG-4 in SD as well as HDV.
- Edit, create titles and effects and then dive into a DVD authoring toolset that lets users define the interactivity, create menus, add a Dolby Digital 5.1 surround mix and then burn a finished DVD.

Liquid Pro 7 Hardware/Software Bundle *(B&H# AVLP7)*.....**779.95**

800-947-1186 | 212-444-6686 *Quick Dial: 831*

Adobe Premiere Pro CS4

Bundled with Adobe's OnLocation CS4 and Encore CS4, Premiere Pro CS4 is a complete start-to-finish solution for efficient video production and DVD creation. It includes all the great features you expect from NLE software including multiple video and audio tracks, color correction, and native support for digital camcorders. It supports SD, HD, and HDV video formats, and can even export video for use in Flash. Bring new dimensions to your projects efficiently and in real time with precise keyframe controls and features like high-quality slow motion with time remapping. Save time creating dramatic effects and get finer creative control thanks to tight integration with Photoshop CS4 and After Effects CS4 Professional. Quickly and precisely edit footage from multicam shots, and much more. Working with virtually any format, Premiere Pro CS4 efficiently takes you from on-site capture to final delivery without sacrificing the quality and integrity of your footage. Finish and deliver content anywhere, from film and tape to the web, DVD, Blu-ray Disc, and mobile devices.

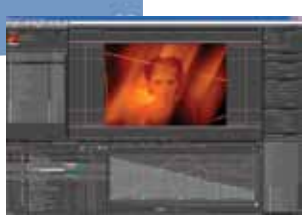
- Edit video natively in tapeless formats, including RED, AVCHD, P2, XDCAM EX, and XDCAM HD, without transcoding or rewrapping.
- Full support for multicamera editing (up to four simultaneously).
- Choose fast color correction for quick adjustments or secondary color-correction tools for more detailed modifications.
- Adobe Media Encoder allows you to encode video for use on the web. It supports many compression formats, including FLV, F4V, Windows Media, MPEG-2, H.264, and QuickTime.
- OnLocation CS4 turns your computer into a digital video recorder, field monitor, and video signal evaluation processor.

Premiere Pro CS4: For Mac *(B&H# ADPPCS4M)* or Windows *(B&H# ADPPCS4W)* **634.95**

Adobe After Effects CS4 Professional

2D/3D Compositing and Animation Software

Create motion graphics for film, video, DVD, the web, and mobile devices. After Effects CS4 Professional brings infinite variety to your creative vision and stunning impact to your communications. Animate freely using Shape Layers and the Puppet tool; combine moving imagery with still images, text, and sound; and manipulate your creations with inexhaustible effects combinations. Work from scratch or jump-start projects quickly with hundreds of customizable animation presets and templates, and use the Brainstorm feature to generate animation variations based on parameters you choose.



It features an intuitive interface, enhanced multicore and multiprocessor support, and tight integration with Adobe applications like Photoshop CS4 Extended, Premiere Pro CS4, Illustrator CS4 and more. When your projects reach review, clients and colleagues can make timecode-specific comments using Adobe Clip Notes, streamlining the approval process. Flexible tools let you produce professional output for cutting-edge media types, like FLV and SWF for the web or mobile devices; work with a wide range of file formats from HDV to OpenEXR, H.264, and Camera Raw; and take advantage of additional animation presets available for download via Adobe Exchange.

- Add impressive vector graphics to animations. Build, modify and animate vector shapes that include polygons and stars. Create shape layers using the pen tool.
- The puppet tool can turn almost any 2D image or text field into a dynamic animated layer. Place "joints" within the image, so you can reshape, extend, squish and rotate objects.
- Special visual effects plug-ins let you enhance, stylize and make other changes to any layer of your video.
- Use the Cartoon effect to mimic cel animation and watercolor paintings, or stylize footage for artistic purposes.
- Device emulators will show you exactly what your project will look like on a specific mobile device (mobile phones, PDAs, etc.)

After Effects CS4 Professional: For Mac *(#ADAECS4M)* or Windows *(#ADAECS4W)* **839.00**

Adobe CS4 Production Premium

Maximize your productivity with CS4 Production Premium, the total post-production solution. Achieve creative control with a complete set of professional video and audio post-production tools to take your ideas from storyboarding and acquisition through production and delivery. Capture footage, edit efficiently, apply blockbuster visual effects, create and match compelling audio to your productions. Move smoothly among select components via Adobe Dynamic Link.

Enjoy integration between Photoshop and After Effects to allow for greater animation possibilities. Export from After Effects, Premiere Pro, and Soundbooth with markers converted to cue points for easier project creation in Adobe Flash. Manage media more efficiently than ever with Adobe Bridge, a single, intuitive interface that enables instant previews of video and audio files, batch processing, and image sequence previewing and scrubbing. CS4 Production Premium supports every major file format and lets you deliver your work to virtually any medium, including film, video, DVD, Blu-ray Disc, the web, and mobile devices.

Includes: After Effects CS4 Professional, Premiere Pro CS4, Photoshop CS4 Extended, Illustrator CS4, Flash CS4 Professional, Encore CS4 Soundbooth CS4, and OnLocation CS4. Also included are the components common to CS4 applications. They include Bridge CS4, Version Cue CS4, Device Central CS4, and Dynamic Link.

CS4 Production Premium: For Mac *(#ADPPRCS4M)* or Windows *(#ADPPRCS4W)* **1399.00**

BORIS FX Graffiti 5.3

Broadcast-Quality 2D and 3D Titling Effects

Innovative and user friendly titling tools, Graffiti 5.3 lets you create titles and graphics directly inside your nonlinear editing system without importing and exporting. Easily create sophisticated title animation including type on text, text on a path, jitter and randomization. Create 3D text with bump maps and reflections. An expansive Style Palette and the BORIS Library Browser provide easy access to hundreds of preset effects and styles.

- EPS import and extrusion • Resolution independent vector text
- Advanced type-on title animation • Text on a path
- Automated rolls, crawls, fades, zooms • Gradient generator
- 35 filter effects • 3D user modifiable spline primitive shapes
- 3D shapes such as cylinders, spheres and cubes
- 3D text with textures, reflection mapping, materials and lights
- Audio import with scrubbable waveform

For Mac *(#BOG52M)* and Windows *(#BOG52W)* **274.95**

BORIS FX FX 9.3

Effects, Image Processing, Paint & Rotoscoping

FX 9.3 offers realistic lighting, advanced keying and color correction, compositing, DVE, vector paint and support for third-party After Effects filters. Offers a Library Browser with hundreds of high-quality presets for easy application in over 20 NLEs. Sophisticated vector paint and spline tools allow you to create animatable masks. More than 115 video filters include motion tracking and image stabilization, as well as self-animating natural effects that easily interact with timeline video.

- Unlimited layers of media • Volumetric Lighting Filters
- Oversize image import for pan and scan
- 3D shapes such as Cylinders, Spheres and Cubes
- Gradient and Procedural Media Generator • Motion Blur
- Audio import with scrubbable waveform
- Motion Tracking, Stabilization and Corner Pinning

For Mac *(#BOBFXM900)* and Windows *(#BOBFXW900)* **279.95**

BORIS FX RED 4.3

Titling, Effects and Compositing Software

An integrated 3D compositing, titling, and effects application, RED delivers unparalleled performance to over 20 NLE's. Designed specifically for editors, RED offers an unprecedented range of features and adds a standalone engine for rendering. It integrates 2D and 3D compositing, titling, paint, rotoscoping, a full suite of tools to create and extrude vector objects, 3D creation and animation, and the industry-leading software DVE technology. Save time and money using one interface, in one system.

- 164 video filters • Raster Paint Engine • Subtitle import feature
- OpenGL accelerated effects creation and playback
- Advanced 2D and 3D compositing with unlimited layers
- High quality keying, masking, mattes and Apply Modes
- Motion tracking, corner pinning and image stabilization
- Vector paint and rotoscoping with precise controls
- Over 110 filters including Wire Remover, Film Grain and Match
- Vector text for razor-sharp display at any scale

For Mac *(#BOBR4M)* and Windows *(#BOBR4W)* **894.95**

AJA VIDEO SYSTEMS INC

D-Series Miniature Converters

D10CE SDI to Analog Component and Composite Converter

Provides excellent quality 10-bit conversion of SDI to simultaneous component and composite video. Component outputs are user configurable to Y/Pb/Pr, Betacam, or RGB (or composite Y/C). The composite output is configurable to composite video or sync. Has two re-clocked, loop-thru SDI outputs and all functions are user configurable via external dip switches. Exclusive PLL jitter filter/memory reduces the effects of SDI jitter on the output analog video. *(B&H# AJD10CE)* **499.95**

D10C2 SDI to Analog Component or Composite Converter

Provides excellent-quality 10-bit conversion of SDI to analog component (user configurable to Y/Pb/Pr, Betacam, or RGB) or composite (two composite outputs and an S-Video output) The D10C2 also provides two re-clocked, loop-thru SDI outputs and a composite sync output (component mode). All functions are user configurable via external dip switches. *(B&H# AJD10C2)*..... **443.50**

D10AD Analog Component or Composite to SDI Converter

Provides excellent-quality 10-bit conversion of analog component or composite video to 4 SDI outputs with EDH. The D10AD accepts Y/Pb/Pr, Betacam, or RGB component inputs or composite (NTSC/PAL) and S-Video inputs. 4-Line Adaptive Comb Filter for high-quality decoding of composite sources can be switched to 2 line or notch modes. Video format, AGC mode, color bar generator, and pedestal are user configurable. *(B&H# AJD10AD)* **546.95**

D10CEA SDI to Analog Audio and Video Converter

Converts SDI video with embedded audio to 10-bit component or composite video and 4-channel balanced analog audio. Video outputs can be configured as YPbPr, RGB, composite or S-Video. The audio outputs can be wired in a balanced or unbalanced configuration. The 4 audio output channels can be selected as group 1-4 from SMPTE embedded audio. Audio and video output connections are available on a 25-pin "D" subminiature connector – a break-out cable is supplied. Also outputs two re-clocked loop-thru SDI outputs. *(B&H# AJD10CEA)* **546.95**

D5D Analog Composite and S-Video to SDI Converter

Bring video from time-base corrected analog composite equipment into a serial digital environment. The D5D provides low-cost, all digital decoding of analog composite (NTSC/PAL) or S-Video to SDI. Features selectable 2 or 3 line adaptive comb filter as well as a crystal PLL jitter filter/memory to reduce jitter in each of the three SDI outputs. *(B&H# AJD5D)* **509.95**

D5DA 1x4 SDI Distribution Amplifier

The D5DA can be used as a low-cost 1x4, re-clocking SDI DA or repeater. The SDI input is re-clocked and equalized to 300 meters of cable. In addition, it automatically adapts to 143, 177, 270, or 360 Mb SDI inputs. *(B&H# AJD5DA)*..... **212.50**

D5CE SDI to Analog Component or Composite Converter

Digital conversion of SDI to either composite or component analog video. Three analog BNC outputs are user configurable to cover a wide range of format combinations including three composite (NTSC/PAL), one composite and S-Video, YPbPr, Betacam, or RGB. Re-clocked, loop-thru SDI output. *(B&H# AJD5CE)*..... **316.50**

D10A Analog Component to SDI Converter with Separate Sync Input *(B&H# AJD10A)* **759.95**

D10C Composite Digital (D2/D3) to Composite Analog, or SDI to Component Converter *(B&H# AJD10C)*..... **648.95**

KONA LSe SD Capture Card for Macintosh

Affordably priced, the KONA LSe is the perfect video capture and playback card for building a professional SD (standard definition) editing system. Configured with a Mac Pro, RAID storage, computer display and video monitor - along with Final Cut Pro - it achieves the same editing quality as an expensive turnkey suite. Kona LSe offers analog video input/output that can be configured as component, composite or S-Video, 10-bit resolution SDI input and two outputs with multi-channel embedded audio support, analog XLR-balanced audio input/output, and AES XLR-balanced digital audio input/output with sample rate conversion.

- Offers direct integration with Final Cut Pro, as well as support Adobe After Effects, Motion and more.
- Uses 12-bit A/D and D/A converters to capture uncompressed 10-bit or 8-bit 4:2:2 formats to QuickTime. Ingest and master to/from Betacam SP and other standard definition VCRs. Also supports capture and playback from compressed SD formats like DV/DVCAM and DVCPRO 25/50.
- KONA control panel simplifies A/V control and also supports a stand-alone mode.
- AJA optimized QuickTime drivers, genlock and RS-422 machine control.

KONA LSe *(B&H# AJKONALSE)*:
With break-out cables and 3-year AJA Warranty with Advanced Exchange ..... **Call or Log-on**

KONA LHi SD/HD Capture Card for Macintosh

A non-compromise uncompressed SD/HD video capture and playback card, the KONA LHi allows legacy analog cameras and VCRs alongside the newest 3G SDI and HDMI v1.3a enabled products to interface to the latest PCIe Apple Mac OSX hardware, with integrated support for Apple Final Cut Studio and other QuickTime software applications. The card also features AJA's proven 10-bit hardware-based, realtime, broadcast-quality SD to HD up-conversion, HD to HD crossconversion and HD to SD down-conversion, providing complete flexibility when working with multiple SD and HD formats.

Edit, monitor and master professional quality video in an affordable, easy to use product. Since all of KONA LHi's conversions are hardware-based, they are available all the time—during ingest or playback. Outputs can be configured independently allowing users to have simultaneous HD and SD output—or two different types of HD, 720 or 1080, output via cross-conversion.

- DVCPROHD, HDV, and Apple Dynamic RT Extreme hardware acceleration takes part of the codec processing load off the CPU, allowing more RealTime (RT) effects in Final Cut Pro when outputting.
- 3G HD/SD SDI input/output including support for 1080p 50/60
- HDMI v1.3a I/O w/Deep Color at 30/36 bits per pixel allows full support of the latest 10-bit monitors.
- Capture uncompressed 10-bit or 8-bit 4:2:2 formats to QuickTime as well as Apple ProRes 422, DVCPRO HD and more.
- 12-bit analog component (SD/HD), composite and S-Video input/output
- 2-ch balanced XLR AES digital audio and 2-ch balanced XLR analog audio input/output
- 8-ch SDI embedded audio input/output
- HD/SD Genlock, LTC Input (on Reference input) and RS-422 machine control

KONA LHi *(B&H# AJKONALHI)*: With break-out cables and 3-year AJA Warranty with Advanced Exchange ..... **Call or Log-on**

KONA 3 Capture Card for Uncompressed SD, HD, 2K and Dual Link HD

The top-of-the-line KONA 3 steps up from the LHi (except no analog video input, no analog audio input/output and no HDMI) with Dual link HD and 2K support, internal SD/HD hardware downstream keyer and extensive audio I/O support.

- Supports Dual Link 4:4:4 HD-SDI, with full bandwidth 4:4:4 RGB at 10-bits for 1080i, 1080p, 1080PsF and 720p formats. KONA 3 can also convert between 4:4:4 and 4:2:2 formats for single link HD-SDI monitoring and output.
- With the hardware HD/SD downstream keyer, waiting for a graphic or logo to render in software becomes just a memory.

KONA 3 *(B&H# AJKONA3)*: With break-out cables and 3-year AJA Warranty with Advanced Exchange..... **Call or Log-on**

XENA LHi SD/HD Capture Card for Windows

XENA LHi features 10 or 8-bit uncompressed video, 3G/HD/SD SDI I/O including support for 1080p50/60, analog composite/S-Video/SD-HD component video I/O, 2-channel AES/8-channel SDI embedded audio I/O, 2-channel balanced audio I/O, and broadcast-quality hardware-based up/down/cross-conversion for flexible SD/HD post production. HDMI v1.3a allows full support of the latest 10-bit monitors. Comes with a breakout cable and also works with the optional KLHi-Box for rack mounted I/O convenience. Provides 10-bit hardware up-, down-, and cross-conversion to/from HD and SD, which can be applied to any or all inputs or outputs. Digitize HD into space efficient SD for offline work.

- Using many user-selected formats-DPX, Cineon, TGA, TIFF, BMP, YUV, AVI or QuickTime™-XENA LHi captures directly to disk.
- Offers all the audio support you'd ever want: multi-channel audio and 16/24/32-bit AES/EBU digital audio at 48kHz for digital production.
- Includes hardware sample-rate conversion on AES inputs-eliminating source synchronizing requirements.
- Inject HDV-acquired material into uncompressed or any other supported file format. These 12-bit analog inputs and outputs, in addition to 10-bit digital I/O's, ensure that XENA LHi can interface to almost any Single-Link SDI, HDMI, or analog HD or SD device you throw at it.
- Monitor HD files on an SD monitor. Make analog or digital SD tape masters from an HD project.

XENA LHi *(B&H # AJXENALHI)*: With break-out cables and 3-year AJA Warranty with Advanced Exchange..... **Call or Log-on**

800-947-1186 | 212-444-6686 *Quick Dial: 831*

AJA VIDEO SYSTEMS INC

Ki Pro Portable Digital Disk Recorder

Bridging the gap between camera acquisition and post, Ki Pro is a portable tapeless video device that records files to the Apple ProRes 422 codec directly from camera. Ki Pro provides a new way of connecting production and post with its extensive analog and digital connectivity; virtually any video and audio source can be fed into Ki Pro to record pristine 10-bit ProRes 422 media that is then immediately available to edit within Apple's Final Cut Studio. Ki Pro allows filmmakers, broadcasters and video professionals and prosumers to skip the process of re-rendering to an editing codec by giving immediate access to full raster edit-ready ProRes 422 files directly from camera. Ki Pro records hours of media to a removable storage module with built-in FireWire 800 or to 34mm ExpressCard Flash. The device is a small, portable unit that can sit on a table, in a bay or mounted between a camera and tripod. Ki Pro is also ideal for on-set monitoring, providing instant access to multiple display devices simultaneously.

- Record natively to Apple ProRes 422 for full raster 10-bit 4:2:2 HD and SD.
- Bridge proprietary compression schemes by recording to Apple ProRes 422.
- Connect any digital camera via SDI or HDMI, or any analog amera with multiple input options
- Convert in real time from SD to HD, or 720 to/from 1080, in full 10-bit quality.
- Extend client review capabilities with simultaneous recording to camera and to Ki Pro.
- Extend productive life of existing cameras and embrace future workflows with powerful conversion capabilities.
- Built-in WiFi and Ethernet for complete control via a web-browser, or iPhone.

Ki Pro *(B&H# AJKIPRO R0)*: With HDD Storage Module and AC Adapter with 4-pin XLR connector..... **Call or Log-on**

io HD Portable FireWire-800 Analog/Digital Capture Device

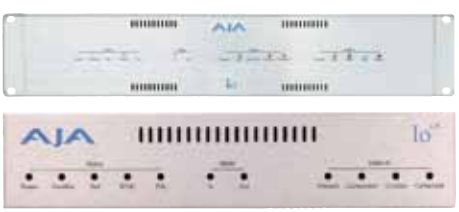
io HD is an effortless to use, transportable plug-in solution for working with HD and SD in Final Cut Studio. With a single FireWire 800 connection, io HD can easily be connected to a Mac Pro desktop or a MacBook Pro laptop, offering un-paralleled video and audio connectivity.
Within its portable and rugged form factor (measures only 8.2 x 12 x 4.8" and has a built-in handle), io HD offers SD/HD analog I/O, SD/HD digital I/O including HD-SDI and HDMI, balanced analog and digital AES audio, as well as RS-422, genlock, and even LTC timecode connections. It is also the only device in the world that supports Apple's ProRes 422 codec in hardware, enabling true 10-bit video editing with a MacPro or MacBook Pro. Add AJA's realtime hardware-based 10-bit up/down/cross conversions, and you can work anywhere in SD or HD—all in full-raster 10-bit 4:2:2 quality. Comes with a three year warranty.

- ProRes 422 Workflow—in Hardware
  – Allows ProRes 422 to move over FireWire 800 connectivity
  – Creates images visually indistinguishable from the source
  – 4:2:2 chroma sampling provides high-quality color definition
  – 10-bit sample depth produces images suitable for color correction and compositing.
- AJA Control Panel is used to select the input audio/video source, configure up/down/cross-conversions and much more.
- Data Rate Calculator figures storage/bandwidth requirements
- AJA System Test benchmarks storage such as disk arrays
- Two HD/SD inputs and two outputs, one connection for Genlock input and a loop-through, and two groups of three BNCs configurable for component HD/SD analog video input and output.
- HDMI input/output, composite, S-Video, LTC in/out and RS-422 machine control—connect to just about anything.
- 8-channel SDI embedded 24-bit 48kHz audio for multi-channel audio mastering.
- Balanced analog XLR connections for four channels along with two unbalanced RCA connectors.

B&H # AJIOHD..... **Call or Log-on**

IO• IO^{LA}• IO^{LD}

Uncompressed Over-Firewire Devices for Final Cut Studio



The Io family provides a simple elegant plug-in solution for working with Final Cut Pro on a Mac. With a single FireWire connection, any Io connects to a Mac Pro, MacBook Pro, or Power Mac and provides audio and video I/O, connection to VCRs, Genlock and integrated Final Cut Pro drivers. With the proper FireWire card and external drives, you can even use Io products with an Apple laptop. Io products are the simple solution for building a Mac-based video finishing system.

Co-developed with Apple, Io products work with Final Cut Pro to provide a seamless non-linear editing experience, with all the features of proprietary systems - but without the expense and hassles. All feature RS-422 control, looping genlock, are rackmountable and come with a 3-year warranty.

IO: Analog component (YPbPr/RGB), composite and S-Video input/output, 10-bit SDI input/output, 4-channel AES I/O, SPDI/F I/O, 4-channel XLR-balanced audio input/output. 8-channels embedded audio. *(B&H # AJIO)*..... **Call or Log-on**

IO^{LA}: Analog component (YPbPr/RGB), composite and S-Video I/O 4-channel XLR-balanced audio I/O. *(B&H # AJIO)*..... **Call or Log-on**

IO^{LD}: Analog component (YPbPr/RGB), composite and S-Video output only, 10-bit SDI input/output, SPDI/F 2-channel out. 8-channels embedded audio. 2-channel XLR-balanced audio output. *(B&H # AJIO)*..... **Call or Log-on**

HD-Series Miniature Converters

3GM 3G/1.5G HD-SDI Multiplexer

The 3GM is versatile and economical tool for interconnecting dual-link 1.5G SMPTE372M and 3G SMPTE425M. Allows dual 1.5G to 3G or 3G to dual 1.5G conversion. Additionally, 3GM's 3G HD-SDI output is configurable for SMPTE425M type A or B. Can even convert 3G from/to type A or B. Also provides a monitor output which is a single link 1.5G HD-SDI. Has two inputs (HD/SD-SD) and three outputs (3G HD-SDI, HD/SD-SDI). Fully equalizing and re-clocking with jitter attenuation.

Passes all ancillary data. *(B&H# AJ3GM)* ..... **Call/Log-on**

HD10C2 HD/SD-SDI to Analog Component Converter

In addition to being a high-quality 10-bit HD converter, it is "dual-rate" and works with both HD-SDI and SDI inputs. For HD-SDI inputs, the HD10C2 outputs full bandwidth HD component or VGA-style RGBHV video. For SDI inputs, component or composite SD outputs are supported. When connected to a multi-format monitor, will automatically provide an image from almost any HD or SD input format. Also features 2 equalized HD-SDI outputs. *(B&H# AJHD10C2)* ..... **Call/Log-on**

HD10A HD Analog to HD-SDI Converter

Miniature, high-quality, 10-bit analog to digital converter for HDTV. The HD10A can add an HD-SDI output to cameras, computers with HD RGB graphics, VTRs, or other analog-only HD equipment. The HD10A accepts HD YPbPr or RGB analog and outputs three duplicate HD-SDI signals. Works in1080i, 1035i,1080psf and 720p with internal or external tri-level sync (*B&H # AJHD10A)* ..... **Call/Log-on**

HD10MD3 HD-SDI to SDI/Analog Downconverter

Miniature digital downconverter for converting HD-SDI video to standard definition SDI and analog component/composite video. The HD10MD3 uses a full 10-bit data path and multi-point interpolation to produce broadcast quality downconverted video.
It also converts either 1080p24 or 1080p 24sf to 59.94 Hz output using 3:2 pulldown. Output can be formatted for 4:3 or 16:9 SD monitors. Four-channel input embedded HD-SDI audio is passed to the SDI output. *(B&H # AJHD10MD3)*..... **Call/Log-on**

HD10AVA SD/HD Analog Composite or Component Video and 4-Channel Audio to SD/HD-SDI with Embedded Audio

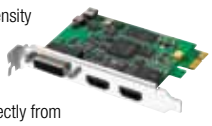
The HD10AVA automatically detects the video input format and embeds the audio inputs in the SDI/HD-SDI outputs. Add an SDI/HD-SDI audio/video output to professional video equipment with analog outputs. Add HD-SDI outputs to most HDV cameras or decks by using the component outputs of such devices. Supplied breakout cable for audio/video inputs and provides 3 SDI-HD-SDI on BNC. *(B&H # AJHD10AVA)*..... **Call/Log-on**

GEN10 HD/SD Sync Generator, Blackburst and Tri-level Sync Generator

A cost effective and flexible SD/HD/AES sync generator, the GEN10 features 7 outputs including 2 groups of independently controlled SD/HD sync outputs and one AES-11 output. The SD outputs can be switched between color black or color bars. HD tri-level sync can be switched between 19 different HD formats. The AES-11 output can be switched between SILENCE and TONE. All outputs are in sync with each-other and are sourced from an accurate master time base. *(B&H # AJGEN10)* ..... **Call/Log-on**

Intensity Pro

HDMI and Analog Capture Card



Compatible with Mac and PC, the Intensity Pro offers HDMI, analog component, composite (NTSC/PAL) and S-Video video capture and playback. Work in uncompressed video by capturing directly from the HD camera's CCD and eliminate HDV and DV compression quality problems, or use disk-space friendly professional compressed video if required. Instantly switch between HD and SD video standards. The supplied break-out cable also includes analog RCA stereo audio input/output and S/PDIF audio output.

(B&H# BLIP)..... **189.95**

DeckLink SDI

SD/HD-SDI Editing Card

DeckLink SDI combines the highest quality 10-bit SD/HD-SDI capture and playback with high-end features such as black burst/HD tri-sync reference input, and RS-422 deck control. It can instantly switch between SD-SDI and HD-SDI formats, and includes 8 channels of embedded SDI audio support, so all video and audio connections are made with a single BNC type SDI video cable.

(B&H# BLDLSDI)..... **Call/Log-on**

DeckLink Optical Fiber

SD/HD-SDI Card with Optical Fiber SDI I/O

Stepping up, DeckLink Optical Fiber combines highest quality 10-bit SD/HD-SDI capture and playback with built in optical fiber SDI. Designed for broadcast and post production users who want traditional SDI as well as optical fiber SDI cabling, the card eliminates the need for external SDI to optical fiber conversion. *(B&H# BLDLOF)*..... **Call/Log-on**

DeckLink Studio 2

SD/HD-SDI, HDMI & Analog Editing Card

DeckLink Studio features independent connections for SDI, HDMI, analog component (BNC x3), composite (BNC) and S-Video, so all types of video equipment can remain connected without re-cabling. It also includes SDI and HDMI connections that switch between SD and HD, as well as an SD only output that always outputs via a built in hardware down converter even when running in HD. The SD down converted output is great when you need to monitor your work in both SD and HD at the same time.

- 10-bit hardware down converter is selectable between letterbox, anamorphic 16:9 and center cut 4:3 modes, and operates when running in all HD video formats as well as in capture and playback modes. When running HD video formats, both S-Video and composite video are output from the down converter so video is always present, independent of what video standard is used.
- Includes 4 channels of balanced analog audio, as well as 2 channels of AES/EBU digital audio. Channel 3 and 4 analog audio outputs can be switched to AES/EBU for channel 3 & 4 and 5 & 6 output. That provides 6 channels of digital audio output—perfect for 5.1 surround sound monitoring or multi language work.
- Built in SD keyer allows RGBA graphics to be keyed over the SDI input in standard definition.
- Black burst and tri-sync input and a RS-422 deck control connection for broadcast decks.

#BLBDLKSTUDIO..... **Call/Log-on**

DeckLink HD Extreme

SD/HD/2K 4:4:4 Video Capture/Playback Card with SDI, HDMI and Analog Connections

The most advanced capture card ever built, DeckLink HD Extreme connects to SD/HD-SDI, HDMI, component analog, composite (NTSC/PAL) and S-Video while instantly switching between SD, HD and 2K. Plus it adds Dual Link and 3 Gb/s SDI for 4:4:4 quality, and a new hardware down converter for simultaneous HD and SD playback. It includes 2 channels of AES/EBU audio in/out with a sample rate converter on the AES/EBU input as well as 2 channels of XLR balanced analog audio in/out. It works with the widest range of equipment, such as HDCAM, HD-D5, HDCAM SR, Betacam SP, Digital Betacam, HD receivers, HDV cameras, televisions, mixers and more. Capture and play back 4:4:4 video when used with decks such as Sony HDCAM SR™, or view real time playback of 2K film resolution at 24 fps with Blackmagic Design's HDLink Pro. Other features include packaged software utilities, real-time effects, and compatibility with most video software applications.

- Built-in Dual Link 3 Gb/s SDI supports 4:4:4 and real time 2K capture and playback
- High speed 4-lane PCI Express supports full HD keying, 2K film and 1080p video formats
- Blackburst in SD or TriSync in HD and RS-422 deck control for capture and playback of clips with timecode accuracy
- Photoshop plug-ins are included for capture and output of still frames. Blackmagic FrameLink™ lets you instantly access QuickTime and AVI media as DPX files. Blackmagic Disk Speed Test™ checks your disk array in frames per second.

(B&H# BLDLHDX3)..... **Call or Log-on**

Multibridge Pro • Multibridge Eclipse

Computer and monitors not included

Multibridge Pro is an external PCI Express capture and playback solution that instantly switches between SD, HD and 2K, in 4:2:2 or 4:4:4 video quality. Consisting of a compact (1RU) but robust break-out box, Multibridge Pro connects to PC or Mac via high speed 10 Gb/s PCI Express 4 lane, for the world's highest quality editing system. Disconnected from the computer, it can be used independently as a bi-directional SDI video converter. Multibridge Pro supports Dual Link SDI and 3 Gb/s SDI, you can capture and play back 4:4:4 video when used with decks such as Sony HDCAM SR, or play back in real time 2K film resolution at 24 fps with Blackmagic Design's HDLink Pro.

- Multibridge Pro switches between HD and SD video, and features an SD/HD-SDI input, and two SD/HD-SDI outputs. It also includes 12-bit analog video input and incredible 14-bit A/D video conversion output.
- The analog video connections can be independently switched to component (YUV), composite NTSC/PAL and S-Video. When using component (YUV) video, the analog connections will switch between HD and SD allowing connection to HDV cameras or analog decks.
- There are two 2 channels of analog balanced XLR audio, 4 channels of AES/EBU digital audio I/O with each input featuring sample-rate converters, and 2 channel unbalanced audio out.
- Also includes a built-in HDMI digital monitoring output. HDMI allows up to 12 bit at full HD resolution for a very high quality built-in digital video monitoring solution.

Multibridge Eclipse Step-up Features: Designed for more complex needs in high end broadcast and post production, Multibridge Eclipse steps up with a larger 2 rack unit size for a massive 12 channels of AES/EBU, 4 channels of XLR balanced audio, and 32 independent audio level meters for audio monitoring. It also incorporates an advanced front panel design with status lights that shows users instant feed-back of operational status—resolution, genlock format and video input status— vital in busy broadcast facilities.

Multibridge Pro *(B&H# BLDLMBPQ2)*..... **Call or Log-on**

Multibridge Eclipse *(B&H# BLDLMBEQ)*..... **Call or Log-on**

HDLink Pro • HDLink Optical Fiber

Advanced HD Monitoring Solutions

Monitoring converters for professional post production editors and broadcast paint and effects artists, HDLink Pro allow any supported DVI or HDMI display to be used for incredible HD/SD-SDI monitoring. When DVI-D or HDMI monitors are connected, HDLink Pro instantly switches between HD and SD, and allows pulldown for best monitor compatibility. Also supports stereo RCA audio output for monitoring on consumer equipment, as well as software for Windows XP and Mac OS X via an easy to use software interface.

HDLink Pro features Dual Link 3 Gb/s SDI for high resolution HD-SDI 4:4:4 RGB and 2K film monitoring. It also includes color management via built in 3D lookup tables that allow any feature film stock to be simulated so editors can always see the correct color of the final film output. Popular 3D lookup tables can be loaded for various film stocks, and HDLink Pro is compatible with third party software for generating tables. Included in HDLink Utility software is full control for adjusting tables and generating custom "looks" for download into HDLink Pro. When editing with complex 5.1 surround sound audio tracks, HDLink Pro allows full 5.1 monitoring by including 6 separate channels of audio output. *(B&H# BLHDLPROOPTD)*..... **Call or Log-on**

HDLink Optical Fiber: Otherwise the same (except single link 3 Gb/s SDI only) the HDLink Optical Fiber is the world's first broadcast monitoring solution with built in optical fiber SDI connections..... **Call or Log-on**

OpenGear Converter

Blackmagic's OpenGear Converters give you a great range of conversion while providing the freedom and cost savings of an open standard combined with centralized network control and monitoring. OpenGear Converters instantly switch between all SD and HD video formats the instant the video input changes. A huge range of standards are supported including NTSC, PAL, 1080i/59.94, 1080i/50, 1080PsF/23.98, 1080PsF/24, 720p/59.94, 720p/50 and new formats can be added via USB. All models have 3 Gb/s SDI technology that auto switches between SD, HD and 3 Gb/s HD-SDI formats. All AES/EBU audio inputs feature sample rate converters, and all audio connections can be switched between analog and AES/EBU audio!

- Fully compatible with the OpenGear standard. Many manufacturers develop OpenGear cards and frames that can be mixed and matched. OpenGear cards are hot swappable and can be controlled by java based DashBoard network control and monitoring software on Windows, Mac OS X and Linux.

- Select either 24-bit analog or 24-bit AES/EBU digital audio via mini switches, or remotely via the DashBoard network control software. The converters support the standard 2 ch and 4 ch audio rear modules, so they can be used with other brand OpenGear products.
- Blackmagic OpenGear Converters are built to the highest quality standards with low SDI jitter. You get the longest SDI cable lengths combined with ultra low noise analog video and audio for a true broadcast quality solution.
- Highest quality HD down converter automatically adapts to the input video format and outputs standard definition video in letterbox, anamorphic 16:9 or center cut 4:3.
- Converters can be set up via mini switches, DashBoard, or via USB using Blackmagic Design's Converter Utility. That's three completely different ways to configure, so you're never stuck in a critical live situation.
- The SDI to Analog and SDI to Audio OpenGear Converters feature a unique redundant SDI input for mission critical or live broadcast tasks.

Same features as their respective Mini Converters (on the right) except in card form

SDI to Analog *(B&H# BLCOOCSA)*..... **Call or Log-on**
Analog to SDI *(B&H# BLCOOCAS)*..... **Call or Log-on**
SDI to HDMI *(B&H# BLCOOCSH)*..... **Call or Log-on**
HDMI to SDI *(B&H# BLCOOCHS)*..... **Call or Log-on**
SDI to Audio *(B&H# BLCOOCSAU)*..... **Call or Log-on**
Audio to SDI *(B&H# BLCOOCAUS)*..... **Call or Log-on**
Optical Fiber *(B&H# BLCOOCOF)*..... **Call or Log-on**
Sync Generator *(B&H# BLCOOCSG)*..... **Call or Log-on**

DVI Extender

Extend you computer monitor via simple SDI video cables

Now you can route your computer monitor via your SDI router. DVI Extender lets you extend the DVI-D connection to your computer monitor via simple SDI cables. Now it's much easer to connect your computer displays anywhere in your facility, or even to more than one monitor when using any 3 Gb/s SDI router. DVI Extender also works as a regular DVI to SD/HD-SDI video converter, that's perfect for broadcast graphics!

- Includes a standard 3.5mm audio mini jack input so you can connect audio from your computer! That means you get full 3D accelerated graphics and audio from your computer to SDI.
- Built-in 3 Gb/s SDI technology makes it fully compatible with all of your SD and HD-SDI equipment.
- Connects directly to any USB port on your computer. Makes it ideal for portable use, as it can be powered directly from your laptop. Yoou could even use a portable iPod USB power supply!
- DVI Extender is a fully digital converter that connects the DVI-D output on your computer to SDI equipment such as HDLink Pro.
- Harness your computer's built in 3D accelerated display to create realtime broadcast graphics in standard and high definition video. Simply set the control panel to video output and it will output NTSC, PAL, 720p or 1080 HD resolution SDI video with embedded audio from your computer via the audio input jack.

 # BLHDLEXTDVI..... **Call or Log-on**

Video Recorder

Capture video direct to H.264 video files for your iPod, iPhone, Apple TV, YouTube and even full resolution video backups. Capture analog video from VHS, Video-8, video cameras and more, direct to the H.264 file format as used by iPod™, iPhone™, Apple TV™ and YouTube™. Blackmagic's Video Recorder plugs directly into your computer's USB and includes easy to use software. Get the highest quality video capture from any component video or regular video device. Video Recorder eliminates time consuming processing because it captures into the native file format of your mobile device. It can even copy to iTunes ready for syncing.

- Component, composite and S-Video inputs to capture video directly to the high-quality H.264 format.
- Select the device you want to capture for. The Video Recorder software will automatically set the size and quality for you. If you're using a custom device, then just enter the resolution and data rate you need for your media files, and Video Recorder will take care of all scaling.
- Easily adjust the cropping to make perfect movies every time. Simply slide the cropping tool along until any artifacts are removed. This means all your captured media will be pixel perfect without annoying black lines at the edges.
- Set the software to record for a certain length of time before stopping automatically. You can even have videos loaded into iTunes automatically upon capture.

B&H# BLVR..... **129.95**

Mini Converter

Build your studio with the worlds most advanced and easy to use converters. Blackmagic's MiniConverters include auto SD/HD switching, redundant input, AES/EBU and analog audio on 1/4" jacks, combined with advanced 3 Gb/s SDI technology. There are 7 models to choose from depending on the conversion you need, plus a sync generator model.

- They support NTSC, PAL,1080i/59.94,1080i/50,1080psf/23.98, 1080psf/24, 720p/59.94 and 720p/50 formats, plus new formats can be added via USB.
- Redundant input for mission critical tasks such as broadcast or live events.
- On models with AES/EBU digital audio in, a sample rate converter lets you connect to any AES/EBU source, either synchronized, or un-syncronized. On HDMI models, you also have full access to the HDMI audio embedded in the HDMI video connection.
- Use them anywhere in the world. A universal power supply is included with international socket adapters for all countries.
- Mini Converters are built to highest quality standards with low SDI jitter so you get the longest SDI cable lengths combined with multiple internal power supplies for ultra low noise broadcast quality analog video and audio.

SDI to Analog: Convert from SDI to analog in HD/SD component, NTSC and PAL video, plus balanced AES/EBU and analog audio. *(BLSDIAMC)*..... **Call or Log-on**

Analog to SDI: Perfect for converting from analog video in HD/SD component, NTSC, PAL or S-Video to SDI video with the choice to embed SDI audio from balanced AES/EBU or analog audio inputs. *(BLASDIMC)*..... **Call or Log-on**

SDI to HDMI: Converts from SDI to HDMI with embedded HDMI audio, plus balanced AES/EBU or analog audio. Use big screen TVs for broadcast video monitoring. *(BLSDIHDMIMC)* ..... **Call/Log-on**

HDMI to SDI: Converts HDMI devices to SDI video with the choice to embed SDI audio from HDMI, AES/EBU or balanced analog audio inputs. Add SDI outputs to cameras with HDMI connections, or add if your computer supports HDMI compatibility via DVI to HDMI adapters, then you can use for adding SDI outputs to computers. *(BLHDMISDIMC)*..... **Call or Log-on**

SDI to Audio: De-embed 4 channels of analog audio or 8 channels of AES/EBU digital audio from any SDI video connection. Easily access the audio in any SDI video connection for output to audio equipment such as audio mixers, analog broadcast decks, audio monitors and more. *(B&H# BLCOMCSAU)*..... **Call or Log-on**

Audio to SDI: Embed 4 channels of analog audio or 8 channels of AES/EBU digital audio into any SDI video connection. Embed audio from devices such as audio mixers into SDI video connections for use with SDI routers and decks or to add extra audio channels to video converters. *(B&H# BLCOMCAUS)*..... **Call or Log-on**

Optical Fiber: Simultaneously convert SDI to Optical Fiber, and Optical Fiber to SDI. Automatically switches between any SD, HD, 3Gb/s HD-SDI video standards and each direction can be completely independent. *(B&H# BLCOMCOF)*..... **Call or Log-on**

Sync Generator: Includes 6 crystal stabilized video reference outputs for referencing all the video equipment in your studio in either high definition Tri-Sync or standard definition blackburst. *(B&H# BLSGMC)*..... **Call or Log-on**

Broadcast Converter: Combines most mini converters features into a 1RU chassis that allows bi-direction conversion. Convert SDI to analog/HDMI while simultaneously converting analog to HDMI to SDI. Complete solution for connecting analog decks to SDI based systems in a compact rackmount design. *(B&H# BLBCC)*..... **Call or Log-on**

Mac Pro / MacBook Pro Turnkey Systems

Edit video right out of the box. B&H Turnkey systems are custom-built around the growing needs of the most demanding video editors. Custom configurations coupled with AJA and Blackmagic hardware solutions exploit the power and efficiency of the Mac Pro desktop workstation, and MacBook Pro Laptops. Whether you're editing a feature film or a production company looking to take the plunge into high quality 2K video, we have a turnkey solution to suit the needs of the most demanding video editors. If our pre-configured turnkey solutions can't meet your needs, contact our B&H sales staff for a custom configured turnkey to fit your specific production needs.

All Mac systems come pre-installed with— • Final Cut Studio 2-Final Cut Pro, Soundtrack Pro, Motion, Color, and DVD Studio Pro • Mac OS X Leopard • Training disks for Mac OS X and Final Cut Studio • RAM–4GB MacPro, 2GB MacBook Pro • Color-coded Final Cut Pro keyboard • 3-year AppleCare • 1-year B&H technical support

DV / HDV / SD / HD Mac Turnkey Systems

DV/HDV/SD/HD Turnkey Systems—Our entry-level turnkeys offer pro-level interfaces. An economical solution for event videographers, corporate producers, and indie filmmakers.

SKU	Computer	Storage	Capture Hardware
#AJIOTA	Mac Pro Dual 2.8GHz	1.5TB Internal	AJA Io
#BLDLHDXMT	Mac Pro Dual 3GHz	CalDigit HD Pro 2.5TB	Blackmagic Decklink Extreme
#APFCSMBP	MacBook Pro 2.4GHz	Dulce Duo 500GB eSATA	Built-in FireWire

Call for latest pricing

SD & HD Uncompressed Mac Turnkey Systems

Designed for high-quality network broadcast content production

Power through post production. We've ramped up the specs on our SD/HD Uncompressed Mac Turnkeys to meet demanding broadcast standards and HD heavy workflows. Obliterate data crunches and HD stutters with Final Cut Studio software charged with complementary hardware solutions.

The Io family provides a simple, elegant plug-in solution for working with Final Cut Pro on a Mac. With a single FireWire connection, any Io connects to a Mac and provides audio and video I/O, connection to VTRs, Genlock and integrated Final Cut Pro drivers. Co-developed with Apple, Io products work with Final Cut Pro to provide a seamless non-linear editing experience, with all the features of proprietary systems. Multibridge is the first external PCI Express capture and playback solution that instantly switches between SD, HD and 2K, in 4:2:2 or 4:4:4 video quality. Connect to your PC or Mac with high speed 10 Gb/s PCI Express, or use independently as a bi-directional SDI video converter.

SKU	Computer	Storage	Capture Hardware
#AJIOHDPT	MacBook Pro 2.4GHz	Dulce Pro Duo 1.5TB eSATA	AJA IoHD
#AJIOHDT	Mac Pro Dual 3GHz	CalDigit HD Pro 2TB	AJA IoHD
#AJKONALHETZ	Mac Pro Dual 3GHz	CalDigit HD Pro 2TB	AJA IoHD
#BLDLMBPMTQ	Mac Pro Dual 3GHz	CalDigit HD Pro 2.5TB	Blackmagic Multibridge Pro

Call for latest pricing

2K Mac Turnkey Systems

The advent of 2K acquisition tools require powerhouse editing systems to crank out high capacity resolutions. Our 2K Mac Turnkeys are custom-built with the professional filmmaker or editor in mind. Multiformat editing? No problem. Hardware solutions by AJA and Blackmagic handle multiformat workflows without a glitch. Ingest, edit and finish your film with these specialized turnkey toolkits for film festival or theatrical distribution.

KONA cards offer unprecedented hardware processing power, with realtime features, superior hardware-based up-/down-/cross-conversion, HDV and DVCPROHD acceleration and maximum overall performance, speed and stability - critical advantages in a production environment. Work in SD, HD and 2K.

The Multibridge Eclipse features a larger 2 rack unit size for a massive 12 channels of AES/EBU, and 4 channels of balanced audio, HDMI in and out, Dual Link 3 Gb/s SDI in and out, and an advanced front panel design with status lights and 32 audio level meters.

Get all the power of film and HD editing with the DeckLink HD Extreme adds HDMI capture and playback, plus 3 Gb/s SDI support, and 3D lookup tables.

SKU	Computer	Storage	Capture Hardware
#AJKONA3TF	Mac Pro Dual 3.2GHz	Dulce Pro DQ 2.5TB	AJA Kona 3
#BLDLMBEQT1	Mac Pro Dual 3.2GHz	Dulce Pro DQ 2.5TB	Blackmagic Multibridge Eclipse

Call for latest pricing

800-947-1186 | 212-444-6686 *Quick Dial: 831*

PC Turnkey Systems

Our custom-built PC turnkey systems are meticulously assembled to exploit the creative possibilities of software in tandem with hardware solutions. Choose from Adobe, Avid, Grass Valley, Matrox and Sony video editing software. Hardware solutions are tailored specifically to software to ensure seamless software/hardware integration.

Desktop and mobile solutions include—

• Color-coded keyboard • 1-year B&H warranty and tech support • 4GB RAM • Windows XP Pro or Vista • HP Turnkey Systems only come with 3-year warranty

DV/HDV/SD/HD Turnkey Systems

Our entry-level turnkeys offer pro-level interfaces. An economical solution for event videographers, corporate producers, and indie filmmakers.

SKU	Computer	Storage	Editing Software	Capture Hardware
#ADPPCS33WTQ	B&H Custom-Built Intel 2.4GHz Core 2 Quad	500GB SATA-300	Adobe Premiere Pro CS4	3-Port FireWire-800/FireWire-400 PCI
#ADPPCS33WPT	Compaq 8710w Intel 2.4GHz Core 2	Duo Dulce Duo 500GB eSATA	Adobe Premiere Pro CS4	Firewire 400
#AVLP7TQ	B&H Custom-Built Intel 2.4GHz Core 2 Quad	500GB Caviar Serial-ATA	Avid Liquid Pro	Avid Liquid Pro Hardware
#AVMCT	HPxw8600 Quad-Core 2.83GHz	1TB Caviar Internal SATA	Avid Media Composer v3.0	Allegro 4-Port FireWire
#AVMCT	HPxw8600 Quad-Core 2.83GHz	1TB Caviar Internal SATA	Avid Media Composer v3.0	Allegro 4-Port FireWire
#MARTX2TZ	B&H Custom-Built Intel 2.66GHz Core 2 Duo	2TB Internal	Adobe Premiere Pro CS4	Matrox RT.X2
#SOV8PDVDT	Intel 2.66GHz Core 2 Duo	1.5TB Internal	Sony Vegas Pro 9	PyroAV Firewire 400

Call for latest pricing

SD & HD Uncompressed PC Turnkey Systems

Designed for high-quality network broadcast content production.

Do your ideas move faster than your computer? Keep your ideas refreshed with our SD/HD uncompressed PC turnkeys. Choose from Adobe Premiere Pro CS4 or Adobe Production Premium CS4. Realize your creative vision with over 50 editing enhancements in Premiere Pro CS4 including next-generation tapeless camera support, batch encoding, multi-format output, and seamless integration with other Adobe applications. Production Premium CS4 is a comprehensive suite of pre- and post-production software tools for unparalleled creative control. An expanded version of Adobe Dynamic Link ensures even tighter integration when moving assets between After Effects, Premiere Pro, Soundbooth, and Encore

Our hand-picked hardware solutions by AJA, Blackmagic, or Matrox take full advantage of the capabilities of Adobe CS4 for native codec control, quicker work-flows, and multi-format input and delivery.

SKU	Computer	Storage	Editing Software	Capture Hardware
#AJXENALHETQ	HPxw8600 Dual Quad Core 2.8 GHz Xeon	CalDigit HD PRO 2TB	Adobe Premiere Pro CS4	AJA Xena LHe
#BLDLMBPT	HPxw8600 Dual Quad Core 2.8 GHz Xeon	CalDigit HD PRO 2TB	Adobe Production Premium CS4	Blackmagic Multibridge Pro
#BLDLHDXTZ	HPxw8600 Dual Quad Core 2.8 GHz Xeon	CalDigit HD PRO 2TB	Adobe Production Premium CS4	Blackmagic Decklink HD Xtreme
#BLIPT	B&H Custom-Built Intel 2.66GHz Core 2 Duo	2TB Internal	Adobe Premiere Pro CS4	Blackmagic Intensity Pro
#MAALETA	HPxw8600 Dual Quad Core 2.8GHz	CalDigit HD ONE 2.56TB	Adobe Production Premium CS4	Matrox Axio LE

Call for latest pricing

2K PC Turnkey Systems

Designed for the professional filmmaker or editor
looking to present a finished cut to a film festival or theatrical distribution.

Belt out high-resolutions jobs with ease. Shoot in 2K without worrrying about your system slowing down to a crawl. Sprint to the finish line on your edits with a 2.8GHz Intel Quad-Core Xeon E5440 CPU. Run several applications simultaneously. The system also features integrated Gigabit Ethernet and ample expansion slots for further customization. Powered by Windows Vista.

Adobe Production Premium CS4 software suite in tandem with AJA and Blackmagic capture hardware provide all of the tools you round out these comprehensive PC turnkey solutions. AJA Xena 2K supports 10-bit uncompressed video with full 4:4:4 and 4:4:4:4 HD and HSDL support, delivering broadcast-quality video capture and output. Blackmagic's Multibridge Eclipse supports 3 Gb/s SDI Dual Link, HDMI, component, NTSC composite and PAL composite video input and output. Genlock and RS-422 deck control are also part of the system, making it an excellent choice for broadcast environments. If you don't need analog compatibility, and are looking for a pure digital card, then DeckLink HD Pro PCIe is the perfect choice. HDLink HD Pro supports dual link SDI, so you can work natively in 4:4:4 10 bit RGB, for high end effects and feature film work. 10 bit RGB 4:4:4 is compatible with the Sony HDCAM-SR 4:4:4 deck, and allows for full color resolution.

SKU	Computer	Storage	Editing Software	Capture Hardware
#AJXENA2KT	HPxw8600 Dual Quad Core 2.8 GHz Xeon	Dulce Pro DQ 2.5TB	Adobe Production Premium CS4	AJA Xena 2Ke
#BLDLMBEQT2	HPxw8600 Dual Quad Core 2.8 GHz Xeon	Dulce Pro DQ 2.5TB	Adobe Production Premium CS4	Blackmagic Multibridge Eclipse

Call for latest pricing

grass valley

EDIUS Neo 2

Built on the same highly-acclaimed real-time mixed format editing technology as in Grass Valley's EDIUS 5, the EDIUS Neo 2 offers native editing of various formats including AVCHD, HDV, DV, Windows Media, and QuickTime, and supports a seamless real-time workflow, including the ability to mix various formats within the same timeline.

With a basic, entry-level range of tools and features, EDIUS Neo 2 is perfect for the classroom environment, yet still provides powerful nonlinear editing features found in higher-end solutions, such as real-time, multi-track, mixed format HD/SD editing, chroma keying, titling and both Blu-ray Disc and DVD authoring.

- Real-time, Mixed format HD/SD editing, including AVCHD, HDV, MPEG-2, DV, Windows Media, and QuickTime video
- Fast, flexible user interface, including unlimited video, audio, title, and graphics tracks
- Real-time editing and conversion of different HD/SD aspect ratios, such as 16:9 and 4:3
- Real-time editing and conversion of different frame rates, such as 60i, 50i and 24p, and different resolutions, such as 1920 x 1080, 1440 x 1080, 1280 x 720, 720 x 480
- Real-time HD/SD effects, keyers, transitions, and titles
- Real-time, render-free video output directly from the timeline
- Nested timeline sequences
- High-speed MPEG-2 and HDV import and export using multi-core and multiple CPU technology
- Segment encoding (smart rendering) export for MPEG-2 and HDV
- Direct to Blu-ray Disc and DVD timeline export with menu
- Quick Titler built in for real-time roll/crawl titling

(B&H# GREN2) **169.95**

EDIUS 5

Designed for broadcast and postproduction environments, EDIUS 5 is perfect for file-based workflows, offering real-time, multi-track, mixed-format editing, compositing, chroma keying, titling, and timeline output capabilities. In addition to the standard formats of the EDIUS family, it supports Infinity™ JPEG 2000, DVCPRO, P2, VariCam, Ikegami GigaFlash, MXF, XDCAM, and XDCAM EX video. It also supports all DV and HDV cameras and decks.

Step-up features from EDIUS Neo 2

- GPU-accelerated 3D transitions
- Supports up to eight cameras and provides realtime monitor preview, as well as a mastert channel preview that displays all eight camera angles.
- High value software bundle includes filters, effects, image stabilization, VST audio plug-ins, and DVD and Blu-ray authoring

EDIUS 5 *(B&H# GREDIUS5)* **649.95**

EDIUS 5 Hardware/Software Systems

EDIUS NX Express with EDIUS 5 Software

The EDIUS NX allows for realtime HD/SD resolution conversion and output, aspect ratio conversion and output, frame rate conversion, and various other effects, keyers, transitions, and titles. The card has a hardware-based video overlay design for accelerated HD/SD editing. It is equipped with inputs and outputs for DV, HDV, composite and S-Video and unbalanced audio, making it easy to put raw footage into your computer and export it back to tape. Also features analog input signal cleaning and enhancement. *(B&H# GRENPEBE5S)* **749.95**

EDIUS NX Express with HD/SD Component Output and EDIUS 5 Software

Same as above, plus a daughter card with component output (BNCx 3), as well as accelerated standard definition MPEG-2 and MPEG-4 encoding. *(B&H# GREENE5S)* **1069.95**

EDIUS NX Express with HD/SD Component Output, 5.25" Breakout Box and EDIUS 5 Software

Same as above, plus it includes a sleek, black, 5.25" breakout panel that provides front-mounted connectors for 4-pin FireWire, composite, S-Video and unbalanced stereo RCA audio. Includes all cables for connecting the bay to the EDIUS NX Express board. *(B&H# GREENNE5NBE5)* **1299.95**

EDIUS SP-SDI Board Set and EDIUS 5 Software

The EDIUS SP-SDI system features hardware-based video overlay and high-quality video I/O circuitry. It interfaces with video equipment including HDV, DV, and all analog cameras and decks. And it supports professional video equipment with component video and XLR balanced audio I/O, as well as frame-accurate RS-422 VTR control and external reference sync input connections. *(B&H# GRESBSE5S)* **2879.95**

EDIUS SP-SDI Board Set with EDIUS 5 Software and 19" 1 RU Breakout Box

(B&H# GRESBBE5SZ) **3359.95**

HDSTORM • HDSTORM Plus

A PCI Express board bundled with EDIUS 5 editing software, HDSTORM allows you to work with HDMI inputs and outputs, and has a Canopus HQ hardware codec built-in for optimized, CPU-free capture. HDSTORM empowers you with constantly synched, full-resolution preview of effects and content directly from the EDIUS 5 timeline. The power of having the Canopus HQ codec on-board means you won't be restricted by CPU speeds or workstation limitations when ingesting or creating high-quality Canopus HQ AVI files for editing.

Already a prominent part of the EDIUS software legacy, the Canopus HQ codec offers supreme visual quality without the excessive hard disk storage costs normally associated with HD video ingest. With HDSTORM, you can be assured that the HD video content you output from your HD sources will be perfectly preserved, ready for you to either edit, author to DVD or Blu-ray, or store for later usage. Because the input quality is so clean, subsequent conversions to other distribution formats—such as mobile phones or the Web—are cleaner too.

Working as a perfect combination of software and hardware, HDSTORM can handle any mix of HD and SD video content; unlimited video, audio, title, and graphics layers; and any combination of real-time effects. Otherwise the same, the HDSTORM Plus includes a bay option for high-quality HD/SD analog component, S-Video, and composite input/output.

HDSTORM *(B&H# GRHDSPEDIUS5)* ..... **1249.95** **HDSTORM Plus** *(B&H# GRHDSPBE5)* **1269.95**

HDTHUNDER

HDTHUNDER is a premium, high-powered solution for multi-format editing—supporting SDI-based editing and tapeless workflows and the ability to preview projects in real time, using affordable HDMI monitors. A PCI Express board, it includes EDIUS 5 editing software, HD-SDI inputs and outputs, an HDMI video output for full-resolution, real-time preview monitoring, and embedded HDMI audio for high-quality audio monitoring.

HDTHUNDER features timecode input and output for accurate editing from field logs, reference input support for blackburst and tri-level sync, machine control for external VTR ingest, and optional VTR emulation software that that lets users control an EDIUS editor like a VTR for direct playout from the workstation. It also empowers users with a constantly synched, full-resolution preview of effects and content directly from the EDIUS timeline.

The board can handle any mix of SD and HV video content; unlimited video, audio, title, and graphics layers; and any combination of real-time effects. It also offers real-time, full-resolution, full-quality HD and SD video output. *(B&H# GRHDT)* **2229.95**

HDSPARK

HDSPARK is a hardware solution for those working in a file-based, networked environment and need to see projects output in real-time, using affordable HDMI monitors. A PCI Express board, it includes EDIUS 5 editing software as well as an HDMI output to support full-resolution, real-time preview monitoring. It also features embedded HDMI audio and separate stereo RCA jacks for high-quality audio monitoring.

The board can handle any mix of high- and standard-definition (HD and SD) video content; unlimited video, audio, title, and graphics layers; and any combination of real-time effects. It also empowers users with constantly synched, full-resolution preview of effects and content directly from the EDIUS timeline. *(B&H# GRHDSV5)* **774.95**

800-947-1186 | 212-444-6686 *Quick Dial: 831*

grass valley

ADVC700 Broadcast-Quality Bi-Directional Analog/Digital Video Converter

Engineered for professional broadcast and post production standards, ADVC700 provides unmatched quality and reliability in bidirectional analog/DV conversion, supporting both Windows and Mac OS. An excellent component I/O solution for any DVinterface, the ADVC700 boasts a 19" rack-mountable design with component, composite, S-Video, and balanced and unbalanced audio I/O, RS-422A control, as well as support for LTC timecode and external synchronization. Canopus DV codec chip provides unparalleled picture quality preservation during analog-to-DV conversion, plus locked audio support for perfect audio and video synchronization. It also features patented PerfectSync technology (see box) to ensure impeccable conversion of every frame. The ADVC700 is easily and quickly configurable using the LCD front panel display and jog dial. *(B&H# GRADVC700)* **1649.95**

The ADVC700, ADVC1000 and ADVC3000 include patented PerfectSync technology to ensure perfect output synchronization. PerfectSync controls and synchronizes the transfer rate of IEEE1394 communication with an external reference signal. This prevents skipped and duplicate frames and produces perfect conversion of all frames during analog/DV conversion.

ADVC1000
Broadcast-Quality Bi-Directional SDI/DV Converter

A professional, high quality bi-directional SDI/DV video converter designed for broadcast studio equipment, the ADVC1000 features front-side controls and LCD display, analog video and unbalanced audio outputs for monitor preview, and a solid half-1U 19" rackmount design. *(B&H# GRADVC1000)* **1649.95**

ADVC3000 Broadcast-Quality A/D Converter

Designed for broadcasters, cable operators, video professionals and post-production operations, the 2RU high ADVC3000 combines the features of the ADVC700 and ADVC1000 converters—and can convert between analog and DV, DV and SD-SDI and analog and SD-SDI. Whether you to need to convert YUV component video to uncompressed SDI, DV to S-Video, or simply to de-embed and re-embed audio from a digital video stream, the ADVC3000 gives you what you need.
B&H# GRADVC3000 ..... **2795.00**

ADVC-HD50 Realtime HDMI-to-HDV Conversion

The ADVC-HD50 instantly converts uncompressed HD video and audio from HDMI devices to the HDV format then outputs a FireWire connection for use in the non-linear editing system of your choice. Featuring a sleek, portable design it requires no drivers or software to set up, and is compatible with PC and Mac-based editors. Perfect for anyone who needs HDMI ingest without internal hardware. *(B&H# GRADVCHD50)* **799.95**

ADVCHDSC1 HD/SD-SDI-to-Component Conversion

The ADVCHDSC1 converts HD-SDI signals to HD component output or SD-SDI signals to SD component output. It provides instant output of HD content to affordable HD component displays, such as TVs and RGB monitors—and standard-definition (SD) content to component, S-Video, and composite displays. It has a sync generator for HD (tri-level sync) and SD (black burst), as well as audio-level-adjustment options. Also features embedded audio support, SD-SDI to composite and S-Video conversion, HD-SDI conversion to RGB for PC monitors with BNC inputs, and front-panel displays for video-format and audio-level outputs. Automatically detects your current video output format, and supports SDI signal pass-through. *(B&H # GRADVCHDSC1)* **1349.95**

ADVCHDM1 Real-Time HD-SDI/HDV Conversion

Provides high-quality, bi-directional conversion between HD-SDI and HDV signals, complete with embedded audio. Compatible with Mac and Windows-based nonlinear editors that support HDV or HD-SDI, the ADVCHDM1 lets you instantly convert HD-SDI output to HDV and ingest HDV material into HD-SDI systems for archiving. It can also encode HD MPEG-2 transport streams up to 1920 x 1080 resolution using one of 8 different bit-rate settings that best suits your workflow. It lets you input external timecode information when encoding in HDV; control HD-SDI decks via HDV and vice versa with AV/C-RS-422 device control conversion; and use simple, two-button control for its encoding/ decoding and time-code mode via the front panel. *(B&H# GRADVCHDM1)* **4499.95**

ProCoder 3 Professional High-Speed Transcoding Software

ProCoder 3 is a versatile, Windows-based solution for multi-format encoding and compression. Batch processing, priority queuing, and simultaneous creation of multiple destination files are a few of its features. Quickly transcode web video with a user-friendly ProCoder Wizard. Or exploit the power of the application with custom settings. Supports H.264 to produce Apple iPod and mobile video files, and decoding of the AVCHD format from the latest generation of MPEG-4 camcorders.
(B&H# GRPC3) **399.95**

Pegasus HD/SD
Video Capture Card for Archival Distribution

Pegasus HD/SD is a video capture card designed for use in archival and distribution applications. In addition to the included HQ Recorder capture software, the card ships with an SDK. This allows developers to create their own custom applications to leverage the Pegasus's capabilities.

- Video capture —S-Video, YUV, RGB analog HDMI video
- Canopus HQ codec chipdelivers superlative visual quality and small file sizes
- Software bundle with SDK includes Auto Capture, Manual Capture, and Scheduled Capture

 # GRPEGASUS **849.95**

FIRECODER Blu
Accelerated Blu-ray Encoder and More

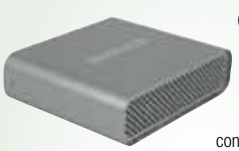
The PCI-e based FIRECODER Blu board provides accelerated encoding of Blu-ray compatible video sourced from any number of video applications, including our own EDIUS non-linear editing software. You can then output its results directly to a Blu-ray disc or to a Blu-ray compatible file for additional authoring.

It also lets you transcode between H.264 and MPEG-2 formats; it supports 1080i and 720p as well as native 24p Blu-ray formats. It supports up- and downconversion of standard- and high-definition (SD and HD) sources. And it encodes HD source materials 2X faster than real time—and SD source materials 4-5X faster than real time. Includes FIRECODER WRITER software, a collection of basic Blu-ray and DVD authoring tools.

 # GREBBR **499.95**

matrox

Convert DVI
HD-SDI Scan Converter



Convert DVI is an economical studio tool that allows you to easily capture and prep computer-based content for TV broadcast. Whether your source is YouTube, Skype, video games or mobile phone videos, the Convert DVI uses a simple PC-based user interface to capture any part of the screen, convert it to HD-SDI with genlock and embed the audio in the SDI signal. Other high-end features include flicker reduction, underscan, customizable presets, and a standalone mode that allows the Convert DVI to deliver SDI and analog video from non-PC platforms, such as cameras or medical devices.

- DVI-D input up to 1920 x 1200
- SD analog black burst (bi-level) or HD tri-level genlock with timing offset controls
- Simultaneous analog and digital video output
- Stereo audio input can be embedded into the SDI output signal
- Realtime HD to SD hardware downscaling with proper color space and aspect ratio conversion
- Region-of-interest output support
- Can operate as a stand-alone appliance

 # MACDVI ..... **Call or Log-on**

matrox CompressHD
Accelerator Card for H.264 HD File Creation

A fast, flexible, high quality encoding workhorse, CompressHD is designed for professional content creators delivering H.264 files for Blu-ray, the web, and mobile devices. Incorporating Matrox MAX technology, CompressHD lets you create H.264 files, for resolutions ranging from iPod to HD, faster than real time (bitrates up to 50 Mbps).
It works in systems with or without a video I/O device and extends the life of your current system investment, giving you the power you need to deliver today's premium H.264 formats faster than ever. A low profile, half-length PCIe x1 card, it fits into Mac Pros, Intel-based Apple Xserve systems, and PCs. *(B&H# MACHD)*.....**Call or Log-on**

Matrox MAX is a unique technology that implements faster than realtime H.264 encoding for resolutions ranging from iPod to HD. It uses a dedicated hardware processor to accelerate the creation of H.264 files for Blu-ray, the web, and mobile devices. By using specialized hardware acceleration, jobs are finished with amazing speed and system resources are liberated for other tasks. Quality and flexibility are ensured through direct integration with professional applications such as Apple Compressor on the Mac and Adobe Media Encoder on the PC. As an added benefit, the Matrox MAX technology allows direct export to higher quality H.264 Blu-ray compliant files from Compressor. Matrox MAX technology is available in MXO2, MXO2 Mini and MXO2 Rack.

matrox MXO2 Mini
HDMI and Analog I/O for Mac and PC

The sleek MXO2 Mini goes wherever you go. Use it with a laptop or a desktop system and applications including Final Cut Pro, Premiere Pro, Photoshop, and many more. Capture via HDMI, analog component, S-Video, and composite. Convert standard definition videos to HD or vice versa, while capturing or playing out, using the MXO2 Mini's high-quality dedicated hardware. Playback high and standard definition video simultaneously. Turn your HDMI screen into a professional-grade video monitor with color calibration tools including blue-only. Easily edit AVCHD footage by capturing into an edit-friendly compressed or uncompressed format.

- Easily connects to cameras and monitors
- Capture HD video via HDMI or analog component; NTSC and PAL via analog component, S-Video, or composite
- Playback HD video via HDMI and analog component; NTSC and PAL via HDMI and analog component or HDMI and S- Video and composite
- High-quality 10-bit hardware scaling engine for realtime upscaling, downscaling, and cross conversion on capture and playback
- Stereo RCA and up to 8 channels of HDMI audio input and output
- 5.1 and 7.1 surround sound monitoring on the HDMI output

MXO2 Mini
for Desktop Systems *(B&H# MAMXO2MD)*..... **Call or Log-on**
for Laptops *(B&H# MAMXO2ML)*..... **Call or Log-on**

MXO2 Mini with Matrox MAX
for Desktop Systems *(B&H# MAMXO2MMD)*..... **Call or Log-on**
for Laptops *(B&H# MAMXO2MML)*..... **Call or Log-on**

matrox MXO
HD/SD Output/Monitoring Device and Scan Converter for Macintosh

The MXO is a versatile, all-in-one output device for the Mac. It turns the Apple Cinema Display or other DVI monitor into a professional HD and SD video monitor. Because it's small and portable, it makes a laptop a mobile editing station. It's a frame-accurate, broadcast-quality HD/SD analog and SDI output device ideal for mastering native digital projects directly to tape or to a satellite encoder. And, it can be switched into a genlockable scan converter with HD/SD analog and SDI output.

- Inexpensive HD and SD monitoring – now you can trust your Apple Cinema Display or other DVI monitor, even for color grading
- Frame accurate, broadcast-quality audio/video output in HD and SD with guaranteed A/V sync
- Genlockable HD/SD-SDI, HD/SD analog component, Y/C, and composite outputs with up to 8 channels SDI embedded audio output and stereo audio monitoring
- Realtime downscaling of HD projects to SD resolution with proper color space and aspect ratio conversion for monitoring and output
- WYSIWYG video output from QuickTime-based applications
- Genlockable HD/SD scan conversion for flicker-free video output of your computer desktop with any application

MXO *(B&H# MAMXO)*..... **Call or Log-on**

matrox MXO2 Complete Portable I/O for Macintosh

A complete portable I/O device for the Mac, the MXO2 is lightweight, fits in your laptop bag, and runs for hours on a field battery or the or the included AC adapter. It lets you work seamlessly in any format you want. Designed to streamline editing workflow with Apple Final Cut Studio and Adobe CS4 Production Premium on MacBook Pros and Mac Pros, the MXO2 provides broadcast-quality input/output, monitoring, and up/down/cross conversion. Users can benefit from file-based workflows with native support for XDCAM, XDCAM HD, XDCAM EX, and P2. In addition, they are not limited to using a single codec as with some other I/O devices on the market.

- RS-422 machine control is provided for frame-accurate capture and print-to tape with Final Cut Pro and Adobe Premiere Pro. Supports up to five user selectable simultaneous video outputs: HD and/or SD on HDMI, SDI, and analog.
  - – Video inputs include HD/SD-SDI, analog component HD, composite, S-Video and HDMI
  - – Audio inputs include two XLR-balanced, two RCA unbalanced, two AES/ABU, SDI and HDMI embedded (up to 8 channels).
  - – Video outputs include two HD/SD-SDI, 12-bit analog component, 12-bit composite, and S-Video, one HDMI.
  - – Audio outputs include four XLR-balanced, six RCA unbalanced for surround sound monitoring, two AES/ABU, SDI and HDMI embedded (up to 8 channels).
- With SD analog black burst (bi-level) or HD tri-level sync genlock, it can genlock to any type of video input or to house sync.
- Turn your HDMI monitor into a true-color video display you can trust, even for color grading. Makes it the ideal monitoring solution for Final Cut Pro, Premiere Pro, and other QuickTime-based applications. No need to buy expensive HD monitoring equipment. In addition, realtime downscaling feature lets you view your HD projects on an SD monitor.
- Adjust and control your HDMI monitor exactly like you would a broadcast HD monitor. Controls for hue, chroma, contrast and brightness are provided. Also has a Blue-only mode to gives you completely accurate color representation.
- Provides 1:1 pixel mapping on HDMI monitors that support this feature. Proper conversion of the HD color space to the SD color space and proper aspect ratio conversion to anamorphic, letterbox, and center cut are supported.
- Provides realtime SD to HD upscaling with proper conversion of the SD color space to the HD color space.
- Offers realtime cross conversions from 720 to 1080 and 1080 to 720. Realtime frame rate conversion is also supported with the following cadences – 2:3:2:3, 2:3:3:2, and 2:2:2:4. It also facilitates monitoring when, for example, you need to work with 23.98 fps footage but your monitor does not support that frame rate. Use MXO2's realtime frame rate conversion to view your project at 29.97 fps.
- Provides built-in 5.1 surround sound monitoring via RCA and HDMI so you don't have to buy more equipment. The MXO2 also lets you map any audio track in Final Cut Pro or Adobe Premiere Pro to any audio output.

MXO2 Complete Portable I/O for Macintosh *(B&H# MAMXO2)*..... **Call or Log-on**
MXO2 with Matrox MAX *(B&H# MAMXO2M)*..... **Call or Log-on**

matrox MXO2 Rack
Rackmountable HD/SD I/O for Macintosh

The MXO2 Rack gives you the functionality of an I/O card with the convenience of a rackmountable breakout box. Built on Matrox MXO2 technology, the 2RU high MXO2 Rack is designed for post-production facilities, broadcast news operations, and OB vans where highly-reliable equipment, more audio inputs and outputs, and genlock loop through are required. It streamlines editing workflow with Apple Final Cut Studio on Mac Pros and MacBook Pros. It gives you broadcast-quality input/output via HDMI, SDI, and analog; professional audio input/output including built-in 5.1 and 7.1 surround sound monitoring; and HDMI video monitoring with calibration controls including blue-only. Users will also benefit from a wide variety of HD and SD workflows thanks to its 10-bit hardware up/down/cross scaling engine and support for a wealth of file-based formats and industry-standard codecs.

MXO2 Rack *(B&H# MAMXO2R)*..... **CALL** **MXO2 Rack with Matrox MAX** *(B&H# MAMXO2RM)*..... **CALL**

800-947-1186 | 212-444-6686 *Quick Dial: 831*

matrox RT.x2 LE • RT.X2

Professional Realtime HD Editing for Adobe CS4

Ideal for corporate communicators, event videographers, project studios, educational facilities and digital filmmakers, the RT.X2LE allows users to get maximum productivity from Adobe Premiere Pro CS4 and CS4 Production Premium.
The RT.X2 LE is a ¾-length PCIe card with a professional breakout box, that lets you edit HDV or P2 720p and output HD. Plus, you can capture other HD and SD formats over the analog inputs, and mix all types of footage on an HD or SD timeline in real time.
RT.X2 LE goes far beyond the capabilities of systems that combine Premiere Pro CS4 and a simple I/O card. The RT.X2 hardware provides accelerated editing of full-quality, full-frame-rate video, export to DVD, Blu-ray, QuickTime, Adobe Flash and other formats, and extra productivity with WYSIWYG graphics and realtime downscaling of HD projects for SD delivery.
Otherwise the same, the full-version RT.X2 provides full-resolution HD monitoring on an inexpensive flat panel display via its independent DVI output. In fact, the RT.X2 provides better HD video definition, with pixel-to-pixel mapping on a flat panel (1920 x 1200), than you will get on expensive professional HD monitors which re typically limited to approximately 800 lines of resolution.

- Provides realtime native editing of HDV 1080i, HDV 1080p, HDV 720p (JVC ProHD), P2 MXF 720p, XDCAM EX, DV, DVCAM, DVCPRO.
- Realtime, mixed-format, multi-layer workflows that combine HD and SD material from analog and digital sources
- Broadcast quality effects are fully keyframeable and feature a high level of control for detailed work.
- Many more realtime layers of video and graphics
- Real time effects including color correction, chroma/luma keying, speed changes, blur/glow/soft focus, 3D DVE and much more
- Extensive support for Canon, JVC, Panasonic and Sony cameras
- Realtime high-quality downscaling for analog SD output from an HD timeline
- Realtime playback of 32-bit MPEG-2 I-frame AVI files with alpha in HD and SD
- Realtime capture from analog sources to compressed MPEG-2 4:2:2 I-frame
- Realtime mixed-format multi-cam
- Realtime MPEG-2 IBP capture from analog and DV sources for DVD authoring
- Composite, Y/C, and analog component input and output
- WYSIWYG video output for motion graphics, animation, and compositing applications (After Effects, Bridge, Photoshop, Combustion 3ds Max, eyeon Fusion, LightWave 3D
- Audio VU meters on capture

RT.x2 LE *(B&H# MARTX2LE)*.....**Call or Log-on**
RT.X2 *(B&H# MARTX2Q)*.....**Call or Log-on**
RT.X2 with Adobe Premiere Pro *(B&H# MARTX2CS4)*.....**Call**

matrox Axio Le

Realtime Engine for HD and SD Editing for Broadcast and Post

Axio LE makes Adobe Premiere Pro CS4 and CS4 Production Premium the foremost realtime HD and SD editor for demanding broadcast and post-production environments. It features no-render HD and SD finishing in compressed and uncompressed formats, superior realtime color correction tools, advanced realtime effects, and a full complement of analog and digital audio and video inputs and outputs. It also lets users work seamlessly with the other Adobe Production Studio applications, fully supporting Adobe Dynamic Link and providing WYSIWYG video output support for After Effects and Photoshop, as well as other industry-leading animation and compositing packages.
Stepping up from RT.X2 platform, the Axio LE features simultaneous HD and SD output, SD/HD-SDI input/output, analog component input/output, SD genlock and Tri-level HD genlock. It also supports full 1080i resolution at 25, 29.97 and 1080p at 23.98, 24 and 25, and offers Closed Captioning (CC) support.

Step-up Features from RT.X2

- Full-resolution, mixed-format, multi-layer realtime editing of HD and SD video, graphics, and effects
- Realtime native editing of Panasonic P2 and P2 HD and Sony XDCAM, XDCAM HD, and XDCAM HD422 clips (MXF files)
- Support for Omneon media servers via native MXF file transfers
- Extensive native codec support in HD and SD – uncompressed, MPEG-2 I-frame, DVCPRO HD, MPEG HD, MPEG HD422, HDV, IMX, DVCPRO50, DV, DVCPRO, DVCAM
- 24 fps editing in HD and SD with pull down, reverse pull down, and Panasonic VariCam support
- Native MXF and HDV AVI file support in Video for Windows applications such as After Effects via EZ-MXF and EZ-HDV utilities
- DV-1394, composite, Y/C, HD/SD analog component, and HD/SD SDI input and output
- 2-in/6-out AES/EBU audio, 2-in/6-out XLR audio, 8-in/8-out SDI embedded audio, 1/4" output jack for stereo monitoring

Axio Le *(B&H# MAALE2Q)*.....**Call or Log-on**
2-Year Axio LE Advantage Plan: Adds top-quality Matrox support to your Axio LE for two full years *(B&H# MA2YPALE)*....**Call or Log-on**

CINEFORM

Neo Scene

Designed to elevate enthusiast filmmaking to a higher level, Neo Scene delivers the same quality CineForm files as used by Hollywood movie producers and post production facilities.
They rely on CineForm file formats for their editing and archive workflows because they offer the highest visual fidelity achievable.

- Neo Scene converts hard-to-edit HDV, AVCHD, or Canon 5D MKII camera footage to CineForm AVI or MOV files. Users will benefit from the same theatrical quality format and real-time editing performance as professionals.
- Neo Scene uniquely extracts 24p progressive frames from all your HDV or AVCHD material for editing in your favorite NLE.

For Mac *(#CINSM)* and Windows *(#CINSW)*.....**124.95**

Neo HD

Available for Mac or Windows, Neo HD offers the industry's highest quality and most feature-rich online HD workflow, enhancing applications from Adobe, Apple, Autodesk, Sony, and virtually any other DirectShow (AVI) or QuickTime (MOV) application. *(#CINHDWM)*.....**479.95**

Neo HD & Prospect HD Both Feature

- Whether a project is destined for film, projection, Blu-RAY, DVD, or web distribution, Neo HD and Prospect HD deliver unmatched workflow efficiency, the industry's highest visual fidelity compression and cross-platform compatibility.
- HD Link (Windows) and Remaster (Mac) file conversion and image processing software convert most camera or file-based source formats into 10-bit CineForm Intermediate HD files while also performing valuable tasks such as telecine removal, deinterlacing, spatial resampling, and much more. Enables true 24p editing workflows from most HD sources.
- CineForm files are 10 bits in precision and are visually equivalent to uncompressed sources — but are just 15% of the file size.
- They include First Light™, a cross-platform, non-destructive color processing application that works together with your editing and effects software. First Light maintains color adjustments as Active Metadata with your media — you never need to render, and consequently you never clip highlights. Color adjustments are immediately visible in any application that calls a CineForm file.
- Create on one platform, share on the other, even with distributed editing workflows. CineForm provides a free decoder on both Win and Mac to easily share content.

Prospect HD

CineForm's Prospect HD is designed for online editing of all HD film, television, or videography projects using Adobe Premiere Pro CS3 or CS4 on Windows. An HD real-time software video processing engine enhances the performance and features of Premiere Pro while eliminating the need for (and outperforming) most specialized hardware. Modern PCs can easily play 4-6 CineForm HD streams in real-time while editing. *(#CIPHDAPP)*.....**699.95**

Advantage Series 2.0 Keyboards

In addition to color and icon coded keycaps, they include two USB 2.0 ports, multimedia keys, and a sleek new design. Bella's unique hybrid technology allows you to use the Premier Pro and Avid Media Composer keyboards on either a PC or a Mac platform.

For Adobe Premiere Pro *(B&H# BEKBA2PP)*.....**69.95**
For Final Cut Pro *(B&H# BEKBA2FCP)*.....**69.95**
For Avid Media Composer *(B&H# BEAKMCM)*.....**69.95**

DV Keyboard 3.0

Features a built-in jog/shuttle controller, 2 USB 2.0 ports for direct, high-speed connectivity, and 3 ports for the optional NeoLite. High-quality sticker sets are included to help you learn and edit more quickly, and multimedia keys for further productivity. Utilizing Bella's unique hybrid technology, they work on both Mac and PC platforms.

With keycap stickers for Pinnacle Studio, Sony Vegas Movie Studio and Apple Final Cut Express *(B&H# BEKBDV3)*.....**114.95**
For Sony Vegas *(B&H# BEKBDV3SV)*.....**129.95**
For Avid Liquid *(B&H# BEKBDV3AL)*.....**129.95**

Professional Series 3.0

The Professional Series 3.0 features a built-in jog/shuttle controller, two specialty keys (which can be programmed for commonly used commands), two USB 2.0 ports, and program-specific, color and icon-coded keycaps that let you learn the application quicker and edit faster. The keyboard also includes the NeoLite, a task light featuring dual LEDs and a 12 inch flexible gooseneck that plugs into any of three power ports in the keyboard leaving all USB ports free. Web, email, and multimedia keys allow use as a standard keyboard as well.

For Premiere Pro *(B&H# BEKBP3PP)*.....**129.95**
For Final Cut Pro *(B&H# BEKBP3FCP)*.....**129.95**
For Avid Media Composer *(B&H# BEKBP3AMC)*.....**129.95**

FINAL DRAFT Final Draft 8

Script Writing Software for Mac/Windows

The number-one selling program for writing movie scripts, television episodics and stage plays. Combines powerful word processing with professional script formatting in one self-contained, easy-to-use package. No need to learn about script formatting rules – it automatically paginates and formats your script to industry standards as you write. *(#FIFD8)*..... **199.95**

Final Draft AV 2.5

Full-featured scriptwriting software for writers of commercials, corporate and training videos, documentaries and presentations. Final Draft AV keeps audio and video columns automatically aligned when text is added, edited or deleted. No complicated commands to learn, no need to worry about style or text placement; creates a professionally formatted A/V script in no time. *(#FIFDAV25)*..... **124.95**

SONY Vegas Pro 9

Professional Video, Audio, and Blu-ray Disc Creation

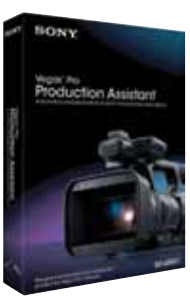
Vegas Pro 9 includes 32- and 64-bit versions of Vegas Pro 9 software, DVD Architect Pro 5 software, and the Dolby Digital professional AC-3 encoder—working seamlessly together to provide an efficient and intuitive environment for professional video and broadcast production, as well as DVD and Blu-ray Disc authoring. Offering the most robust and progressive platform available for content creation and production, it offers broad format support, superior effects processing, unparalleled audio support, and a full complement of editorial tools. From acquisition to delivery, from camera to Blu-ray Disc, it delivers exactly what you need to produce outstanding results.

- Edit SD or HD video with drag-and-drop functionality, mouse and keyboard trimming, and ripple editing. Features include ProType Titling technology, multicamera editing tools, 32-bit floating point video processing, customizable window layouts, color-coded snapping, improved HDV/SDI/XDCAM support, Cinescore plug-in support, A/V synchronization detection and repair, and auto-frame quantization.
- Dock multiple windows across multiple monitors, and save your layouts to fit specific editing tasks; nest Vegas projects within the timeline, customize and save keyboard commands, and use application scripting to automate repetitive tasks.
- Supports 24p, HD and HDV editing as well as XDCAM EX and RED. Natively supports frame sizes up to 4096 x 4096. The 4K image standard for digital cinema projection is 4096 x 2160 pixels. This level of resolution provides more detail and flexibility to pan and crop. It is ideal for compositing and video effects work, as it provides a high-quality final output.
- Create compelling 3D video and text effects, with control over Z-depth, plane intersection, compositing, and more. 3D motion is real time and previewable via i.LINK to an external monitor.
- Includes over 190 video effects and 175 transitions — all fully customizable. Effects include: Film Effects, Chroma Key, Timecode Overlays, Media Generators, Credit Rolls, Text Effects and more. Use transitions such as Clock Wipe, Dissolves, and Page Peels.
- Edit multicamera productions intuitively and quickly by specifying shots as you watch your project.
- Switch between as many as 32 video sources with a keyboard command or a click of your mouse.
- Sophisticated lighting effects such as Glint, Rays, Defocus, Starburst, Soft Contrast, and Fill Light let you simulate the effect of light streaming in from behind your source, create colored highlights, change the focus of your shot and more.
- Use unlimited tracks, 24-bit/192 kHz audio, punch-in recording, 5.1 surround mixing, effects automation, and time compress/expand. Apply customizable, real time audio effects like EQ, Reverb, Delay, and more. Expand audio processing and mixing options with supported third-party DirectX® and VST audio plug-ins. Use the Mixing Console for precise audio control.
- Burn movies to Blu-ray Disc™ directly from the Vegas Pro timeline for high-definition delivery. Use DVD Architect Pro 5 software to author DVDs or Blu-ray Disc media with multiple video angles, subtitles, multiple languages, and special features. Preview and test your work in real time. Apply Brightness and Contrast, Auto Levels, Crop, and Anti-Flicker filters. Set CSS and Macrovision® copy-protection flags for masters.
- Vegas Pro 9 has a comprehensive help system, as well as detailed interactive tutorials that provide walk-through demonstrations of common features and functionality.

Vegas Pro 9 Video *(B&H# SOVP9)*.....**Call or Log-on**

SONY Vegas Pro Production Assistant

The Production Assistant is a plug-in designed to enhance the functionality of Vegas Pro software, streamlining the workflow for professional broadcasters and editors. It automates many frequent tasks and processes to save hours of tedious editing work. Easy to use, it includes a complete set of video tutorials to help you get maximum output with minimum effort.



- Automatically swap placeholder slugs with program media
- Automated broadcast color processing presets including correction for tungsten balance, fluorescent lighting, indoor white balance problems and stage lighting issues
- Quickly remove gaps between media events
- Widescreen converter tool for complete control over display of HD/SD 16:9/4:3 and mixed media and other automated pan/crop techniques
- Add image overlays at regular or fixed intervals for automated network bug placement and other watermarks
- Automatically add customized crossfades between video events
- Efficiently produce powerful video and photo montages
- Quickly split stereo tracks to separate mono tracks
- Easily create motion fly-ins over a background for video and still sequences
- Creates volume envelopes to duck audio for voiceover work
- Convert 4:3 full screen clips to 16:9, or pull a 4:3 center-cut from 16:9 material
- Add a film look to your projects with 21 included video filters
- Place lower thirds-includes over 50 animated lower thirds
- Create presets for repetitive batch processing workflows
- Encode video with built-in presets for a variety of delivery options
- Batch process media for playback rate, broadcast color, video filters, marker creation, image sequence creation, crop and aspect ratio, image background/underlay/overlay, audio normalization, and interlace flicker reduction.

Vegas Pro Production Assistant *(B&H# SOVPA)*..... **179.95**

800-947-1186 | 212-444-6686 *Quick Dial: 831*

MOTU V4HD Firewire Video Interface

With one simple plug-and-play FireWire 400 or 800 connection, the V4HD turns your Mac or PC into a powerful HD/SD production workstation equipped with all the video and audio I/O you need. Connect all your gear, from SD camcorders and monitors to professional HD cameras, video decks, LCD reference monitors and plasmas – all at the same time, with no cable swapping. Choose your input source, then log and capture HD or SD clips directly into Final Cut Pro or Premiere Pro.

- Captures and plays all standard HD and SD formats up to and including 1080p30 (720p, 1080i, 1080p and 1080PsF)
- In Final Cut Pro, the V4HD supports full-raster1920 x1080 HD capture and playback using Apple's ProRes 422 codec in both standard and HQ modes. Final Cut users can ingest an uncompressed SDI or component HD source and then capture and edit in ProRes while monitoring their ProRes timeline in HD and SD simultaneously via the V4HD's hardware-accelerated up- and down-conversion.
- In Final Cut Pro and Premiere Pro, the V4HD provides hardware-accelerated capture and playback of DVCProHD, DVCPro50 and DVCPro25 video streams, plus 8- and10-bit uncompressed SD with plug-and-play FireWire connectivity and CPU-efficient intra-frame editing.
- Hardware-accelerated 2:3 or 2:3:3:2 pull-down insertion and removal — go between film and NTSC rates in real time, with no rendering required.
- Can instantly playback DVCProHD/P2 clips (imported or ingested) with no transcoding necessary. Conversely, you can connect any SD or HD video source such as an HDV camera, legacy video deck or DVD player and then capture it directly as a DVCProHD clip in Final Cut or Premiere.
- Many cameras now feed their uncompressed SDI or component output directly from the camera's optics and imager, before compression, for the best-possible picture quality during capture. Need to bring SD material into your HD project? The V4HD even provides hardware-accelerated SD-to-HD up conversion for capturing SD sources in DVCProHD format.
- Up/down conversion formatting — anamorphic, pillar box, letterbox, 14:9 pillar box, 14:9 letterbox and full screen
- Two rack space form factor with dedicated connectors — no cable swapping or gangly, inconvenient breakout cables.

#MAV4HD **1949.95**

Contour Shuttle-Xpress

Contour Shuttle-Pro 2

Contour Design

NLE Multimedia Controller Contour Shuttle-Xpress

- 5 programmable buttons for frequently used editing commands
- Jog/shuttle control knob for frame by frame control
- Pre-configured for most leading audio and video applications
- Cross-platform compatibility • USB interface

#COSX **39.95**

Contour Shuttle-Pro 2

- 15 programmable buttons for frequently used editing commands
- Jog/shuttle control knob for frame by frame control
- Pre-configured for most leading audio and video applications
- Cross-platform compatibility
- USB interface

#COSPRO2 ..... **79.95**

Instructional DVDs

Boost your software and hardware application knowledge with Class on Demand instructional DVD's.

Complete Training for Avid Media Composer *(#CLTAMC)* **129.95**
Basic Training: Adobe Production Premium CS3 *(#CLTAPPCS3)* **149.95**
Advanced Training: Adobe Production Premium CS3 *(#CLTAPPCS3A)* **374.95**
Complete Training: Final Cut Pro 6 *(#CLTFCP6)* **49.95**
Basic Training: Final Cut Studio 3 *(# CLTFCS3)* **129.95**
Advanced Training: Final Cut Studio 2 *(#CLTFCS2A)* **374.95**
Complete Training: Avid Liquid 7 *(#CLTL7S)* **129.95**
Get Started: Avid Xpress Pro *(#CLTAXP)* **74.95**
Final Cut Express HD Made Easy *(#CLTFCEHD)* **49.95**
Complete Training: Edius 4.5 *(#CLTENX)* **29.95**

logickeyboard™

Advance LogicKeyboard

The Advance line of keyboards use direct printing on keycaps with clear bright colors and friendly icon coded keys. They offer excellent graphical artwork and present a functional and stylish appearance, with logical key command groupings. These custom keyboards are based on the original Apple Pro Ultra Thin Alu keyboard. They offerplug-and-play setup with any USB-equipped Mac, with good feel and stylish, modern appearance that match the "new Apple look".

- Ideal for post-production facilities, video editors and anyone else who requires all the custom key commands to be readily accessible from a dedicated, clearly labeled, color-coded keyboard.
- They feature all the regular letter, number, and symbol labelling that you will find on a conventional keyboard, so it can either be added to your computer in conjunction with your conventional keyboard or simply be used as a substitute for it.

For Adobe Photoshop CS4 ..... **CALL**
For Adobe Premiere Pro CS3/4 *(B&H# LOWUSBAPP)* **129.95**
For Apple Final Cut Studio 2 Color ..... **CALL**
For Apple Final Cut Pro / Express ..... **CALL**
For Avid Media Composer *(B&H# LOWUSBAMC)* **136.95**
For Digidesign Pro Tools *(B&H# LOWKDDPT)* **154.50**
For Logic Pro 8 *(B&H# LOWUSBLPE)* **134.50**
For MOTU Digital Performer 5/6 ..... **CALL**

Wireless Keyboards

For Adobe Photoshop -G5 Keyboard *(B&H# LOKBWLPSMQ)* . **134.50**
For Adobe Premiere Pro CS3 ..... **CALL**
For Apple Final Cut Pro / Express ..... **CALL**
For Logic Pro -G5 Keyboard *(B&H# LOKBWLBT)* **134.50**

Pro Tools Keyboards

Pro Tools Classic Keyboard for Windows - USB/PS2
LOKBPTW **114.50**
Pro Tools Wireless G5 Keyboard *(LOKBWLPTM)* **159.95**

LogicSkin

Made from the best 100% hi-grade Japanese silicone, LogicSkins provide readily accessible custom key commands from a dedicated, clearly labeled, color-coded keyboard. 0.5mm thin with a silky smooth feel, they are soft and flexible, yet tough enough enoug to protect your Mac from dirt, dust and spills.

- Easy removed for cleaning, they are hand washable
- Stays in place -they don't slip or slide

For MacBook, MacBook Pro and MacBook Air

Printed with hotkey shortcuts. Ideal for professionals, as judicious use of keyboard shortcuts can often translate into an efficient workflow.

For Adobe Premiere Pro CS4 *(LOKBMBPPCS4)* **29.50**
For Apple Final Cut Pro *(LOLSMBPFCC)* **27.95**
For Avid Media Composer *(LOLSMBP)* **42.95**
For Apple Logic Pro *(LOKBMBLPE)* **29.50**

Keyboard Covers

Apple Wireless Ultra-Thin for Logic Pro *(LOKWUTLPE)* **29.50**
For Apple Pro Keyboard (G5) *(LOLSAPKB)* **28.95**
For original MacBook Pro *(LOLSMPC)* **18.95**
For MacBook Pro (Original Design) *(LOLSAMBKB)* **24.50**

TIFFEN Dfx v2 Digital Filter Suite

Fee your creative potential. Choose from a palette of up to 2,000 definitive digital filters. Tiffen Dfx v2 represents a technological breakthrough that both complement and expand the extraordinary creative control that Tiffen optical filters bring to imaging. Unlike other software, Dfx v2 offer effects that simulate the extensive range of Tiffen's world-reknown optical filters, plus much more! They also provide ease of use, unmatched performance, tremendous flexibility, and infinite creative control. For videographers and editors, a video production version of the Dfx v2 filter suite allows for seamless integration with today's most popular post-production software, including Final Cut Pro, Avid Xpress and Adobe After Effects.

Dfx v2 for Avid AVX *(B&H # TIDFXAV2)* **599.95**
Dfx v2 for Final Cut Pro *(B&H # TIDFXFCV2)* **549.95**
Dfx v2 for After Effects *(B&H# TIDFXAEV2)* **599.95**

RED GIANT SOFTWARE

Magic Bullet Looks

Set the mood on any timeline

Desert sunrise, Arctic tundra, nighttime urban streets: the look of your footage defines the mood. Now you can define the style of your video or film, regardless of on-set conditions, with powerful imaging tools. Choose from 100+ Look presets, to help set the mood for everything from a wedding to the next Sundance original. You also get the standalone Magic Bullet LooksBuilder, for pre-visualizing looks on set or anywhere. Portable presets load into any editing hosts, so the same Looks you create on set are the ones you finish with in the editorial suite: no need for an expensive finishing system. *(B&H# REMBL)* **398.95**

Magic Bullet Colorista

Simple, fast, industry-standard color correction

Now that you've locked your edit, load Magic Bullet Colorista and make your project shine. Under the hood is the next-generation Magic Bullet engine with real-time processing for fast review and rendering. Colorista offers industry-standard color wheels for precise color control. Plus, use the Power Mask tool to isolate areas - the easiest way to light up your talent. *(B&H# REMBC)*.... **169.95**

Magic Bullet Frames

Give interlaced video the 24p look of film

Start with ordinary interlaced video, apply Frames, sophisticated algorithms, and you'll get the smoother, professional de-interlaced look of 24p film. Choose between motion-adaptive and field-blended approaches, and you'll get high quality footage at high speeds, right in your editor's timeline. NTSC-to-24p and De-interlacing filters offer both a field-blended and a motion-adaptive de-interlacing approach that deliver great artifact-free video. Includes letterboxing and line offset controls to easily create mattes and adjust the image inside the letterbox area. *(B&H# REMBF)*.... **198.95**

Magic Bullet Instant HD

Crystal-clear HD with one click!

Instant HD up-converts DV video into a variety of HD video formats. Choose from a list of preset resolutions to easily integrate DV video into your next HD production. When scaling from standard definition (SD) to high definition (HD), nstant HD's algorithms generate the missing pixels with integrated sharpening and anti-aliasing for sharp, clear results inside your favorite video application. *(B&H# REMBIHD)*..... **98.95**

Magic Bullet Suite 09': Get all four plug-ins (Colorista, Frames, Instant HD, and Looks) in one money saving bundle *(B&H# REMBS09)*..... **699.95**

ToonIt 2.0

ToonIt 2.0 allows you to give video footage a cartoon aesthetic with unique algorithms to transform your image into cartoon shading and lines. Its plug-ins free you from time-consuming techniques like rotoscoping and hand painting. The plug-ins also offer precise control over styles, shading, and outlines. ToonIt 2.0 also adds the Heat Vision plug-in (mimicking the look of the Predator movies), 14 new styles, new presets, and faster output. *(B&H# RETOONRD)*..... **348.95**

NewTek VT[5] Integrated Production Suite

A TV studio in a box, VT[5] defines the cutting-edge in live production. More powerful, flexible and affordable than ever before, VT[5] features live switching and Web streaming of up to 24 cameras, live virtual sets, real-time keying, titling, the world's fastest SD & HD editing and video painting. All this is tightly integrated with everything you need for production, post-production, and graphics. VT[5]'s extensive HD post production capabilities include sophisticated real-time, non-linear editing, video painting and a full-featured animated character generation package. VT[5]'s real-time, uncompressed video processing with component and optional SDI output delivers unsurpassed video quality. The optional SD switcher adds an additional eight SDI inputs and SDI routing functionality to the system. Designed for the video producer that wants to expand their services without breaking the bank, VT[5] gives the power, flexibility and functionality of a system costing much more. Whether the project calls for a live CEO message integrated with pre-edited segments or a complex edit for broadcast television, VT[5] gives you the tools necessary to complete your next award-winning project.

VT[5] Integrated Production Suite for Windows with SpeedEDIT *(B&H# NEVT5F)*..... **Call or Log-on**
VT[5] LIVE! Integrated Production Suite with SX-84 Expansion Box *(B&H# NEVT5BQ)*..... **Call or Log-on**
SDI Option for VT[5] *(B&H# NESDIOVT)* **995.00**
SX84 A/V Switcher Expansion Module for VT[5]: Provides 24 composite and 8 component and Y/C inputs, 4 balanced Audio In/Out, 12 RCA Audio In, 8 RCA Audio Out, RS-422. *(B&H# NESX84)*... **2495.00**
SX-SDI Expansion Box: SDI Switching Hardware Extension *(B&H# NESXSDI)*..... **Call or Log-on**

3D Arsenal 3D Graphics for Video Editors

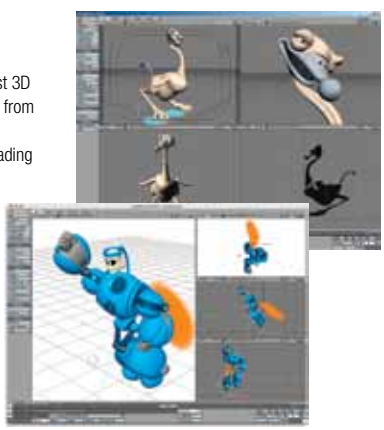
3D Arsenal™ is an integrated software solution designed specifically to meet the needs of the video editor for the creation of 3D animation. Based upon award winning 3D technology from NewTek, 3D Arsenal offers an easy solution for you to create your own text and logo objects, and load them along with your video content into one of 3D Arsenal's over 750 pre-built scenes. 3D Arsenal is the perfect companion for every video editor that wants to add dazzling 3D imagery to a project without the hassle of learning complex 3D software because 3D Arsenal does the work for you!

- Creating flying logos is as easy as typing your name.
- Provides dozens of 3D composite scenes that allow you to take your footage shot with a blue or green screen and insert your talent into pre-made customizable 3D environments.
- Map your video onto plasma screens, dancing TV's, video walls and more, to give your productions a real primetime look.

B&H# NE3DAW..... **295.00**

LightWave 3D v9

Model. Animate. Render.



LightWave 3D is the most complete and robust 3D system right out of the box. Create and model from your imagination, quickly and easily, with an industry leading node-based texturing and shading system. A mainstay in visual effects studios, LightWave's open format works seamlessly alongside other 3D compositing applications.

Features—

- Photoreal Motion Blur
- New anti-aliasing methods
- Global illumination and radiosity
- RealLens Camera
- Subsurface scattering materials and shaders
- Screen drawing system in OpenGL
- Dual and multi-core support

LightWave 3D v9 for Mac and Windows with Printed Manual *(# NELW3D9M)*..... **Call/Log-on**
LightWave 3D v9 for Mac and Windows with Digital PDF Manual *(#NELW3D9)*..... **Call/Log-on**

800-947-1186 | 212-444-6686 *Quick Dial: 831*

ProDAD Software

Adorage Effects contain many high-quality effects plus plug-ins for use with Adobe Premier/Pro/Elements, AVID Liquid, Canopus Edius/Edius NEO, COREL Videostudio, Magix Video Deluxe 15/Video Pro X, Sony Vegas/Vegas Pro, and Ulead Videostudio NLE applications (MS Windows only)

Adorage Effects Package 1: Classic Effects *(#PRAEP1)*..... **59.95**
Adorage Effects Package 2: Particles and Lights *(#PRAEP2)*..... **68.95**
Adorage Effects Package 3: PIP-FX & Splitscreen Effects *(#PRAEP3)*. **59.95**
Adorage Effects Package 4: Universal Tricks *(#PRAEP4)*..... **68.95**
Adorage Effects Package 5: Diamonds and Composites *(#PRAEP5)*... **59.95**
Adorage Effects Package 6: Power FX Pearls *(#PRAEP6)*..... **68.95**
Adorage Effects Package 8: Eyecatcher FX *(#PRAEP8)*..... **68.95**
Adorage Effects Package 9: Particles and Objects *(#PRAEP9)*..... **59.95**
Adorage All-in-One Package: Over 10,000 Quality Effects and Plug-ins *(#PRAAO)*..... **429.95**
Creative Pack 1: Expand the Capabilities of Heroglyph *(#PRHCP1)*..... **98.95**
Creative Pack 2: Expand the Capabilities of Heroglyph *(#PRHCP2)*..... **98.95**
Heroglyph Rapid: Create Titles, Credits and more *(#PRHR)*..... **98.95**
Mercalli Light: Effective SD/DV Video Stabilization *(#PRML)*..... **58.95**
Mercalli Expert: Effective SD/DV Video Stabilization *(#PRME)*..... **118.95**
Vitascene LE: 150 effects and filters including Film Look, Blur and Glow *(#PRVLE)*..... **98.95**
Vitascene: 500 effects and filters including Film Look, Blur and Glow *(#PRVLE)*..... **398.95**

Authorized Reseller Final Cut Server 1.5

Media Asset Management, Workflow Automation

Final Cut Server is an asset-management server for film and video professionals. Designed for use in workgroups and broadcast environments, the server software allows multiple computers to access a shared pool of media and other assets. It features cataloging, search, automation, and collaboration tools for maximum efficiency.
Automate your production pipeline with scalable client/server software is fully customizable. Use as many or as few features as you need—whether you're producing a 30-second commercial spot, the nightly news, a documentary film, or major motion picture.

- Automatic asset cataloging with thumbnails
- Multiformat delivery from H.264 for iPhone and web to ProRes 422
- Rapid search, preview, and access with easy-to-use metadata tools
- Workflow automation tools • Intuitive collaboration features

10-client License *(B&H # APMC126ZA)*..... **949.00**
Upgrade 10-Client License to Unlimited Client License *(B&H# APUFCS)*..... **999.00**
Unlimited Client License *(B&H# APFCSUC)*..... **Call or Log-on**

sorenson media Squeeze 5

Squeeze 5 for Mac and Windows is a video compression software suite for Mac OS X and Windows. This cross-platform solution is an excellent tool for compressing video for almost any output medium. The Mac version is a Universal Binary application that will run natively on both Power PC and Intel CPUs.

- Outputs MPEG-4, On2 VP6 Pro Plugin, Sorenson H.264 Pro, Sorenson MPEG-4 Pro, Sorenson Spark Pro

Mac and Windows *(#SOS5)*..... **499.00**

sorenson media Squeeze 5 Pro

High-quality video compression, made easy

The Squeeze 5 Pro is a comprehensive compression software suite for Mac OS X. Squeeze allows you to compress video using a wide variety of compression codecs and file formats. It is a Universal Binary application that will run natively on both Power PC and Intel CPUs.

- On2 VP6 Pro encoder, Telestream Flip4Mac WMV encoder, and Bias SoundSoap
- Outputs MPEG-4, Sorenson H.264 Pro, Sorenson MPEG-4, and Spark Pro

Mac *(#SOS5PM)*..... **599.00**

Authorized Reseller XSAN 2

SAN file system for Mac OS X

Xsan allows you to set up an enterprise-level Storage Area Network (SAN) using Apple Xserve RAID computers. Link multiple Xserve RAID's together using fibre-channel switches. Computers in your network running OS X with Xsan installed will be able to address them as a single volume.

- Xsan Admin 2 simplifies day-to-day SAN administration. Optimize configuration volume settings, or manage file system permissions with less errors.
- Access Xsan volumes simltaneously from a single workstation or server with MultiSAN
- Spotlight enables content preview on SAN volumes without even opening a file
- Share terabytes of data simultaneously over a high-speed Fibre Channel network
- Optimized workflow configuration settings for higher efficiency and maximum performance
- High-availability architecture eliminates single points of failure with mission-critical redundancy

(B&H# APXS2)..... **869.95**

TELESTREAM

Broadcast live directly from your computer

Broadcast professional webcasts from anywhere with Telestream's Wirecast live production software. Using only a computer and an Internet connection, you can stream multiple cameras and share live events and presentations on the Web — or record your program to disk for on-demand distribution. Professional titles, transitions and even Chroma key are included in the software, which allows for mixing a variety of media, whether images, movies, or sounds. Wirecast is the perfect application for news, sports, entertainment, corporate/organizational events, and science and educational applications.

- Load up your system with HDV, DV and USB cameras. Switching between them is effortless.
- Generate amazing transitions and effects in real-time, including cross-fade, 3D cube, swinging doors, sliding, etc.
- High quality, GPU accelerated real-time green and blue chroma key
- Includes over 20 built-in professional broadcast quality title themes.
- Output your broadcast to any number of destinations in any number of compression formats. You can scale your broadcast from 3G cell phone all the way to DVD quality.

Wirecast for Mac OS X *(#TEEGSKU15689)*..... **379.95**
Wirecast for Windows 2000/XP/Vista *(#TEEGSKU68370)*..... **379.95**

Authorized Reseller

Mac OS X Server v10.6 Snow Leopard

Take the power of OS X into a Server Environment

Mac OS X Server v10.6 Snow Leopard is a powerful 64-bit server operating system with new features and applications that make it easier for everyone in your organization to collaborate, communicate, and share information. It's simple to set up and manage, and it's up to twice as fast as its predecessor, improving performance for file sharing, mail, web hosting, and more.

- Quickly manage users, groups, and services from anywhere on your network.
- Monitor your server with the Server Status Dashboard widget.
- Add new client computers with almost no effort.
- iCal Server 2 lets you share calendars, coordinate events, and schedule meetings within a workgroup, a small business, or a large corporation.
- Podcast Producer 2 lets you capture, encode, publish, and distribute podcasts with ease — perfect for employee training, university lectures, presentations, and more.
- Address Book Server lets you synchronize and access contacts across multiple computers.
- Deploy scalable mail services with junk filtering and virus detection for everything from a small workgroup to tens of thousands of users.
- Ensure secure remote access to your business network from anywhere. Securely access firewall-protected services without using VPN. Use the organization's existing directory service for authentication. Enjoy strong encryption and authentication thanks to Transport Layer Security (TLS) technology.
- Use your own wiki-powered website to easily collaborate and communicate within your group.

PROAVIO™

dvBOX
Portable Hard Drives

Ideal for use with laptop computers, dvBOX portable hard drives are housed in durable housing and feature a triple interface that allows them to be connected and powered by FireWire-400, eSATA, or USB 2.0. The 5400 rpm drive is hot-swappable and plug-and-play, allowing you to connect and remove it from a computer without the need to reboot. Compatible with Windows XP, Vista and Mac OS X. The drive is bus-powered which makes it truly portable. You'll be able to use it without the need for a power outlet. A supplementary USB power cable is available for systems that cannot provide enough power through eSATA to run the drive.

120GB dvBOX Portable Drive *(PRDVBP120GB)* **139.95**
160GB dvBOX Portable Drive *(PRDVBP160GB)* **179.95**

dvBOX
Desktop External Hard Drives

High-capacity external hard drives, dvBOX Desktop External Hard Drives feature an interface that allows them to be connected to any computer via eSATA, FireWire-800, FireWire-400, or USB 2.0. Offering a a rotation speed of 7200 rpm, they are an excellent storage solution for video editing, high resolution imaging, data backup, or general use.The enclosure features a heat-dissipating aluminum alloy design. This fan-less cooling system reduces noise makes your workspace a more pleasant place to spend time.The drive is hot swappable and plug and play, so there is no need to turn off your computer while connecting or disconnecting it.

dvBOX Desktop External Hard Drive Enclosure Only *(PRDVBD)* **94.95**
500GB dvBOX Desktop External Hard Drive *(PRDVBD500GB)* **199.95**
750GB dvBOX Desktop External Hard Drive *(PRDVBD750GB)* **264.95**
1TB dvBOX Desktop External Hard Drive *(PRDVBD1TB)* **364.95**

dvBOX
Professional External Hard Drives with RAID

A professional video Raid-0 solution created just for today's demanding real-time video editing. motion graphics and high resolution multi-tack audio. Equipped with the latest Oxford chipset, the dvBOX professional series is an HDV editor's dream come true. A dedicated RAID-0 (striping) controller maximizes available capacit & increased speeds when compared to a off-the-shelf FireWire solutions. With a heat-dissipating aluminum alloy design, the dvBOX desktop drives offers industry proven performance & value, in a unique stylized dekstop form factor. Equipped with a hardware-based RAID-0 controller, and a dual FireWire800 interface, users can benefit from a greater amount of real-time video streams, audio tracks and effects.

1TB dvBOX Professional External Hard Drive *(PRDVBPR1.0TB)* **314.95**
1.5TB dvBOX Professional External Hard Drive *(PRDVBPR1.5TB)* **419.95**
2TB dvBOX Professional External Hard Drive *(PRDVBPR2.0TB)* **619.95**
3TB dvBOX Professional External Hard Drive *(PRDVBPR3.0TB)* **739.95**

Celerity FC-44ES 4Gb Fibre-Channel
Quad-Channel PCI Express Host Adapter

ATTO
ATTO Technology, Inc.

Available in PCI-X or PCI Express, the Celerity host adapter supports 4Gb Fibre-Channel devices. Choose from quad, dual, or single-channel models. Full-duplex connections support up to 800MB/sec per channel. Fully backwards compatible with 1Gb and 2Gb devices, the adapter features ADS technology for superlative results.

4GB Quad-channel PCIe *(B&H# ATCTFC44ES0R)* **2399.95**
4GB Dual-channel PCIe *(B&H# ATCTFC42ES0R)* **1199.95**
4GB Dual-channel PCI-X *(B&H# ATCTFC42XS0R)* **939.95**
4GB Single-channel PCIe *(B&H# ATCTFC41ES0R)* **927.95**
4GB Single-channel PCI-X *(B&H# ATCTFC41XS0R)* **834.95**

G-SPEED FC
SAN-Ready RAID Storage Solutions for SD and HD Production

G-SPEED FC is the ideal storage solution for multi-stream, multi-user SD and uncompressed HD work flows. G-SPEED FC features 4Gbit Fibre Channel connectivity and is available in a compact desktop enclosure with 6 Hitachi® SATAII drives. G-SPEED FC can be configured (via a front panel LCD or Web GUI) as a JBOD or in RAID levels 0, 1, 3, 5 or 6. Supports multi-stream ProRes 422 and uncompressed SD/HD workflows. Web-based configuration and management. Auto-rebuild and email notification. Removable cooling fan ensures reliable operation and data integrity. Ships complete with SFP to LC module and 2-meter optical cable. Macintosh and Windows compatible. Comes with 3-year warranty.

6TB *(GTGS6TBFC)* ..... **Call or Log-on** **9TB** *(GTGS9TBFC)* .. **5599.00**

G-SPEED eS PRO
High-performance, Fail-Safe RAID for HD/2K Production

G-SEED eS PRO provides professional content creators with better than fibre-channel performance for demanding post production applications at a fraction of the cost. Compact and whisper quiet, they feature mini-SAS connectivity to a high performance PCIe x8 IOP RAID controller that supports RAID levels 0,1, 3, 5 or 6. A single G-SPEED eS PRO enclosure with four 7200rpm SATA II drives in RAID 0 mode supports multi-stream ProRes 422 HQ playback and a single-stream of uncompressed 10-bit HD. Two units with eight drives in protected mode (RAID 3 or 5) supports two simultaneous streams of uncompressed 10-bit HD or a single 2K DPX sequence. G-SPEED eS PRO is simply the most affordable, fail-safe desktop RAID storage solution designed specifically for high-end post.
Mac and Windows compatible. Come with 3-year warranty.

3TB *(GTGSESP3TB)* ..... **1389.95** **w/ PCIe host adapter** *(GTGSESP3TBP)* **2049.00**
4TB *(GTGSESP4TB)* ..... **1669.95** **w/ PCIe host adapter** *(GTGSESP4TBP)* **2295.00**
8TB *(GTGSESP8TB)* ..... **Call** **w/ PCIe host adapter** *(GTGSESP8TBP)* ..... **Call**

G-SPEED eS

For those who don't require quite the performance of the G-SPEED eS PRO, the G-SPEED eS offers considerable savings. Otherwise the same, it features 3Gbit eSATA connectivity (vs. 12Gbit mini-SAS connectivity), does not support 2K DPX workflows and supports RAID 0, 1, 5, 10 and JBOD.

3TB *(GTGSED3000)* ..... **Call** **w/ PCIe host adapter** *(GTGSED3000P)* ..... **Call**
4TB *(GTGSED4000)* ..... **Call** **w/ PCIe host adapter** *(GTGSED4000P)* ..... **Call**
8TB *(GTGSED8000)* ..... **Call** **w/ PCIe host adapter** *(GTGSED8000P)* ..... **Call**

G-Speed eS PRO XL
High-Performance, Expandable Fail-Safe RAID Solutions for Uncompressed HD and 2K Production

The G-SPEED eS PRO XL is a cost-effective, expandable storage solution designed for content creation professionals working with multi-stream uncompressed HD and 2K workflows, and digital intermediate (DI) film applications. G-SPEED eS PRO XL easily expands by simply daisy-chaining 12- or 16-bay enclosures using locking mini-SAS cables. A total of (8) enclosures can be connected to the system for up to 192TB of incredibly fast online storage!
It features the same IOP RAID controller used in the G-SPEED eS PRO system with (2) 12Gbit mini-SAS ports, RAID 0, 1, 3, 5, 6 and JBOD support, and performance over 800 MB/sec. A single 12-bay G-SPEED eS PRO XL can support real-time multi-stream 10-bit 1080/60i and 2K DPX workflows. Adding high-performance storage has never been so simple - or cost effective. Mac and Windows compatible. Comes with 3-year warranty.

12TB *(GTGSESPXL12)* **5239.95**
12TB with PCIe x8 IOP RAID controller *(GTGSESPXL12C)* ..... **Call or Log-on**
16TB *(GTGSESPXL16)* **7684.95**
16TB with PCIe x8 IOP RAID controller *(GTGSESPXL16C)* ..... **Call or Log-on**

PRO Duo-eSATA
External Hard Drive Array

The PRO Duo-eSATA houses two of the latest SATA disk drives; each is rated for a speedy 3Gb transfer rate. Combining the two fast disk drives gets even higher data rates. Using the operating system to stripe the two drives, you will get an amazing 140MB/s. This translates to many real-time video streams for editing and playback to save you time in your editing workflow, getting your project done on time and on budget. If you need more real-time playback and higher data rates than FireWire 800 can provide, the PRO Duo-eSATA is your solution.
The PRO Duo-eSATA comes complete with two high performance disk drives installed, a two eSATA port PCI-e 1x Host Adapter for workstations or Express Card/34 for laptops, two 1-meter eSATA cables, and a power module.

2TB PRO Duo-eSATA External Hard Drive Array *(B&H# DUPDE2000GB3)* **598.00**

Quad es
SATA RAID Protected Storage

Your time is money, so protect your creative work as you work. The snazzy looking Quad es model combined with the supplied PCI-e full featured RAID controller provides a sweet spot for price and performance the video professional demands. The stylish looking Quad es is fully populated with 4 or 5 hard disk drives giving a top capacity of 4TB in RAID 0 striping performance mode, this is about 55 hours of 8 bit uncompressed SD video. Handles HD resolution as well. Equipped with a large 120mm fan, virtually the entire rear panel is designed to circulate cool air through the hard drives. The fan is large but it is tame, it operates at a lower RPM and it's very quiet. Cool drives means happy drives. Dulce Systems confidently provides the industry's longest warranty-42 months.

- The fully loaded RAID controller is highly configurable but yet it is simple to use. The controller supports RAID 0, 1, 3, 5 and JBOD with hot spares.
- The instant availability and background initialization features saves you from hours of RAID format time. In fact, the Quad comes pre-formatted for Mac OS X. For Windows a short format process is required. The Quad es is supplied with an 8 lane PCI-express RAID controller.
- A web browser accessed RAID Manager provides quick and easy RAID management. The Quad comes pre-configured for Mac OS X in RAID 0 mode, so it might not be necessary to access the RAID Manager initially. But, should you want to change the configuration or manage the disk drives, you are just a couple of clicks away from the RAID Manager.

2TB Quad-e4S Hard Drive Array *(B&H# DU4R500)* **2199.00**
3TB Quad-e4S Hard Drive Array *(B&H# DU4R750)* **2599.00**
4TB Quad-e4S Hard Drive Array *(B&H# DU4R1TB)* **2799.00**

PRO DQ g2
The Fastest PCIe RAID 3/5/6 Protected Storage

The PRO DQ g2 (generation 2) improves on the original field-proven SATA RAID to benefit demanding video editing and content creating professionals. The fastest Extended PCIe SATA RAID storage in it's class - over 100MB/sec. The high-performance RAID controller is enhanced with an Intel IOP348 RAID processor running at 1.2GHz producing reliable data protection and exceptional data throughput.

Additionally, the PRO DQ g2 is fully populated with 8 enterprise class high performance 1TB 3.5" 7200 RPM SATA disk drives, running in RAID 3 or 5 protected mode, the PRO DQ g2 can pump out 690 MB/s sustained. That is over 100MB/sec faster than the earlier models! Want to run faster? Configure the RAID engine to RAID 0 mode and the PRO DQ will scream at 800 MB/s.In the double protection RAID 6 mode the PRO DQ g2 at 580MB/s will out run other lesser protected RAID storage. All this performance translates into productive real-world work flows. Look at all the real-time playback the PRO DQ g2 can provide, your creativity has never been this efficient.

2TB PRO DQ Hard Drive Array *(B&H # DUICE2)* **4299.00**
4TB PRO DQ Hard Drive Array *(B&H # DUICE4)* **4999.00**
6TB PRO DQ Hard Drive Array *(B&H # DUICE6)* **5699.00**
8TB PRO DQ Hard Drive Array *(B&H # DUICE8)* **6689.00**

CalDigit VR
Quad Interface Two Drive RAID

The VR is a combination of FireWire VR and S2VR Duo, supporting a quadruple interface for easy connectivity (Firewire 400/800, USB 2.0, and eSATA). There is no performance loss when daisy chaining the VR using Firewire 800. The VR's modular design provides two hot swappable drive modules and an easy to read front LCD. With support for RAID 0, 1, and JBOD the VR can reach speeds of up to 200MB/s, and includes an easy to use GUI for configuration and environmental monitoring which supports email notification.

1.28TB VR *(B&H# #CAVR2B1.28TB)* ..... **Call or Log-on**
2TB VR *(B&H# #CAVR2B2TB)* ..... **Call or Log-on**
3TB VR *(B&H# #CAVR2B3TB)* ..... **Call or Log-on**

CalDigit VR mini

The VR mini is an innovative, compact and bus powered two drive RAID system, supporting a quadruple interface for easy connectivity. The VR mini's modular design provides two removable drive modules and an easy to read frontside LCD.With support for RAID 0, 1, and JBOD the R mini can reach speeds fast enough for high definition video editing. It includes easy to use software allowing for firmware updates,configuration, and monitoring which even supports email notification.

1TB VR mini *(B&H #CAVRMINI100)* ..... **Call or Log-on**
320GB Spare Drive for VR mini *(B&H #CAVRMINI320)* **119.95**
500GB Spare Drive for VR mini *(B&H #CAVRMINI500)* **164.95**

CalDigit HDPro
External Hard Drive Array

Eight-drive hardware RAID supporting RAID 0, 1, 5, RAID 6 & JBOD in 20Gb ultra-high bandwidth connectivity. Active Sustained Transfer Technology (ASTT) to maintain stable performance and supports professional video editing. With CalDigit PCIe switch, you can connect as many HDPros as you want. State-of-the-art performance, an extreme level of reliability, unsurpassed user friendliness combined with the lowest price per gigabyte! HDPro is also a SAN-Ready storage subsystem enhancing scalability, usability and reliability of heterogeneous environments. Upgradeable cache memory up to 2GB. Useable capacity to 8TB.

2TB *(B&H# CAHDPROD2)* ..... **Call or Log-on**
5.12TB *(B&H# CAHDPROD5)* ..... **Call or Log-on**
8TB *(B&H# CAHDPROD8)* ..... **Call or Log-on**

CalDigit HDElement

A new horizon in RAID storage with high performance and protection, HDElement is the ultimate solution for reliability with support for RAID 0, 1, 5, 6, 50, 60 and JBOD. The HDElement is the compact 4-bay hardware RAID storage that you've been waiting for. It comes with CalDigit's RAID Card that gives you hardware protection for your valuable data. It also gives you room to grow. Thanks to CalDigit RAID Card's multiple external ports. You can connect up to 3 HDElements, that's up to 12 additional drives.

- Powered by the CalDigit RAIDCard, the HDElement has a 100% hardware disk controller that comes with its own independent CPU. This means that the CPU uses less cycles and power than a software solution, and leaves your workstation's CPU free to do what it has been designed for - running your applications. Hardware RAID also gives you the ultimate in protection from OS corruption or crashes while a software application gives no protection at all.
- Any highs (peaks) and lows (drops) during data transference are equalized by ASTT (Active Sustained Transfer Technology) .It optimizes the best transfer size and timing between the RAID controller cache and the host machine.

4TB HDElement External Hard Drive Array w/o RAID card *(B&H# CAHDE4TBEU)* **1499.00**
4TB HDElement External Hard Drive Array w/x8 RAID Host Card *(B&H# CAHDE4TBRC)* **1995.00**
6TB HDElement External Hard Drive Array w/o RAID card *(B&H# CAHDE6TBEU)* **2049.95**

1T-C2-100 / 1T-C2-150
Video Down-Converters

High-quality scaling from computer or HDTV signal to standard video formats. Handles computer resolution up to 2048x2048 and HDTV resolutions up to 1080p. Inputs include looping, RGBHV up to 2048x2048, on an HD-15, (2) composite, (2) S-Video, RS-232 (9-pin).

1T-C2-100 #TV1TC2100 ..... **$599.95**
1T-C2-150 Adds genlock, chromakey, and lumakey #TV1TC2150 ..... **$749.95**

AVT-3160 / 3170 / 3190
Scan Converters

Convert PC and Mac computer signal resolutions 640x480, 800x600 and 1024 x 768 resolutions to standard analog video. A zoom and pan feature allows you to enlarge, and position a portion of the computer screen to fill the entire video screen. Multiple levels control image brightness and sharpness, with 5 line anti-flicker filter. Underscan and overscan Switch.

AVT-3160 #AVAVT3160 ..... **$149.95**
AVT-3170 With genlock, overlay, and internal keyer #AVAVT3170 ..... **$259.95**
AVT-3190 With 1080i HDTV inputs, 2D flicker filter, and aspect ratio adjustment #AVAVT3190 ..... **$394.95**

CS-320R / 450R / 460
Scan Converters

Scan converters that inputs a computer generated video signal up to 1024x768, and outputs a standard resolution composite, Y/C and RGBS signal in the NTSC and PAL television standard. They work very well for computer generated presentations, eliminating interlace flicker without resolution loss.

CS-320R #AVCS320R **$259.95**
CS-450R with Overlay (Genlock) #AVCS450R **$569.95**
CS-460R Internal Scan Converter with Genlock/Overlay #AVCS460 ..... **$499.95**

EXT-HDMATE-S
Video Up-Converter

Scale up standard or high-definition video sources to resolutions up to 1080p. Inputs include (2) component and (1) DVI source. Digital TOSlink and analog audio inputs. On-screen menus for easy setup and image adjustment are accessible via the supplied IR remote control. Digital TOSlink and analog audio inputs are supported.

• Single Link Range—1080p/1920 x 1200

#GEHMS **$319.95**

1290 / 1291 / 1292
Scan Do Scan Converter Series

These high-performance scan converters support computer signals from VGA, Mac, and RGB, up to a resolution of 1280 x 1024. Built-in color bar generator and RS-232.

1290 Scan Do Select with composite and S-video outputs #COSDS **$999.95**
1291 Scan Do Pro II with RGB and YUV outputs #COSDPROII **$1,549.95**
1292 Scan Do Pro IID with SDI output #COSDPROIID **$2,799.95**

C2-2200A / 2250A / 2255A
Video Switcher/Scalers

High-qu ality scaling to analog or DVI computer and HDTV signals that support NTSC & PAL. Inputs include (2) Composite video, (2) S-Video, and (1) YUV /YPbPr component. Computer input signals can be scaled to resolutions up to 2048 x 2048. Also offer 4 x 1 switching.

C2-2200A #TVC22200A **$1,549.95**
C2-2250A Adds picture-in-picture, chromakey, lumakey and mixing #TVC22250A **$2,120.75**
C2-2255A C2-2250A plus SDI #TVC22255A **$2,299.95**

EXT-HDSDI-2-DVI-SSL / SP
HD-SDI/DVI Scalers

Scale up SD/HD-SDI single or dual-link mode sources to a full single-link DVI-D output signal. Outputs resolutions up to 1080p. Includes Gennum's VXP scaler for superior picture quality. Controlled with an IR remote control or via RS-232 connection.

EXT-HDSDI-2-DVISSL Single-link SD/HD-SDI to DVI #GEHSDCSLS **$949.95**
EXT-HDSDI-2-DVISP Two SDI/HDSDI connectors to DVI #GEHSDCSG **$1,099.95**

CVG-719XL / CVG-720XL
7 Input Presentation Scaler with Audio

Multi-standard video to RGBHV scaler, and 7-input seamless presentation switcher. Digitally reprocesses the signal and regenerates the video at a chosen line and pixel rate format. Convert composite, Y/C, component, VGA-UXGA, & DVI-D signals to fourteen user-selectable pixel rates—1024 x 852/1024, 1366 x 768, 1365 x 1024, 1280 x 720, 720 x 483, 852 x 480, 1400 x 1050, as well as a user desirable output mode, and 3:2/2:2 pull-down. Built-in proc-amp for video and RS-232 control.

CVG-719XL #COCVG719XL **$1116.00**
CVG-720XL With picture-in-picture #COCVG720XL **$1276.00**

C2-1100 / 1150
Video Down-Converters

C2-1100 down-converter with CORIO2 technology provides high-quality scan conversion from computer or HDTV signals to standard video formats. Handles any computer resolution up to 2048 x 2048 at any vertical refresh rate and all HDTV resolutions up to 1080p. Video outputs are switchable between NTSC and PAL. Connectors include— HD-15, Composite, S-Video and YUV Component, RS-232. Rack mountable.

C2-1100 #TVC21100 ..... **$1074.95**
C2-1150 With genlock #TVC21150 ..... **$1,399.95**

IMAGE PRO HD SERIES
Multi-Format Signal Processors

The Image Pro HD's are powerful, all-in-one signal processors that accept a wide range of video inputs and funnel them into different signal formats. They function as high-performance video scalers, scan converters, switchers and transcoders. This is ideal for converting RGB, HDTV, component, S-video, Composite (NTSC, PAL, and SECAM), DVI, SDI and HD/SDI into user-selectable video formats. Aspect ratio conversion, memory presets, test patterns, genlock, picture adjustments, and motion adaptive de-interlacing detection included.

SD #BAIP **$4,399.95**
SDI #BAIPSDI **$5,299.95**
HD-SDI #BAIPHD **$6,999.95**

VP703XL / VP704XL
Multi Standard Scan Converters

Scan converts RGBHV signals to component YUV, RGBS or RGBHV, Y/C and composite video. Down-conversion to NTSC or PAL.

VP703XL RGBHV Video, Looping, VGA to SXGA #KRVP703XL..... **Call or Log-on**
VP704XL RGBHV Video, Looping, VGA to UXGA #KRVP704XL..... **Call or Log-on**

VP725DS
Digital Scaler/Switcher

Scale any composite, S-Video (Y/C), component video (YUV), DVI video or computer graphics video signal up or down to a selectable graphics or HDTV output resolution.
Provide glitch-free switching between sources through FTB (fade-thru black) switching technology.

#KRVP725DS 18 Input switcher/scaler..... **Call or Log-on**

BHD930-AG / BHD930-DG

The HD Scan XTD920 is a broadcast and professional computer-to-HDTV scan converter. Ideal for HDTV presentations, it converts workstation, PC, or Mac graphic images up to a resolution of 1600x1200 to HDTV. HD Scan features real-time conversion with sized aspect ratio and linear or non-linear zoom up to 200%. HD Scan comes with dual HD-SDI output, and analog tri-level sync HD-YUV output. Compatible with HD genlock.

- HD-SDI & Analog HD-YUV Outputs—720p, 1080i or 1035i 59,94 Hz (60), 50Hz, and 1080p

BHD930-AG Analog w/genlock #ANBHD930AG..... **$7,950.00**
BHD930-DG Digital w/genlock #ANBHD930DG..... **$7,500.00**

C2-2150A / C2-2155A
Scan Converter/Down-Converter

TV One's exclusive CORIO2 technology provides high-quality scan conversion from DVI or analog computer or HDTV signals to standard video formats. Handles computer resolutions up to 2048x2048 at any vertical refresh rate and all HDTV resolutions up to 1080p. Features picture-in-picture, chromakey, lumakey, and mix.

C2-2150A #TVC22150A..... **$1,789.95**
C2-2155A With SDI output # **$2,179.95**

iSCAN VP-50 / VP50 PRO
High-Definition Video Processors

This A/V hub converts standard or high-definition from a DVD Player, VCR, PVR, HD set-top box, game console, or PC to the built-in output resolutions. Resolutions between 480p and 1080p are supported, including popular 720p and 1080i HDTV resolutions. Included—Motion and source adaptive video de-interlacing for NTSC, PAL and SECAM sources, a 12-bit D to A processor, automatic chroma up-sampling correction, and full frame TBC. The MM606 adds THX certification, mosquito noise reduction, fine detail and edge enhancement, and HD-SDI option.

iScan VP-50 #DVISVP50..... **$2,395.00**
iScan VP-50 Pro #DVISVP50P..... **$2,4 95.00**

MINI-UPC-4F
Mini Standalone High-Quality Up Converter

The unit designed to up convert SD/HD-SDI signals. Use this add-on, peripheral device with your non-linear editing system to achieve conversions.

- Features (1) SD/HD-SDI input and (2) SD/HD-SDI outputs • Teranex's PixelMotion de-interlacing technology • Aspect ratio conversion and detection

#TEMINIUPC4F..... **Call or Log-on**
#TEMINISDSTD MINI-SDSTD SD Standards Linear Converter..... **$2,399.95**
#TEMINIUDCSN with Noise Reduction..... **$2,4599.95**

TR-50
Standards Converter

Built-in TBC (Time Base Corrector) for better signal synchronization, and a selectable PAL, NTSC color bar generator. Automatic input system detection.

- Converts from every TV system in the world—PAL, NTSC, SECAM
- Converts from—PAL B-G-D-K-I PAL-M PAL-N NTSC 3.58 NTSC 4.43 SECAM PAL-60 To—PAL B-G-D-K-I NTSC 3.58

#TETR50..... **$359.95**

BC-0909-DA
Universal Digital Converter

Digital video to analog converter that converts analog high-definition (SMPTE-260/274/296M) to digital (HDSDI), XVGA, SXGA and WXGA to digital (HDSDI SMPTE-292M), analog composite (PAL/NTSC) to digital (SDI SMPTE-259M), and Y/C (S-Video) to digital (SDI).

- Includes 2x over sampling and an adaptive filter
- 10-bit analog-to-digital data sampling
- Built-in comb filter offers noise reduction on composite and Y/C signals.

#MABC0909DA..... **$1569.95**

FC-7402
Digital to Analog Standards Converter

This SDI digital video to analog video converter features a variety of analog video outputs. Converts 625 or 525 SDI, with output supporting NTSC, and PAL-B,D,G,H,I or N operation. It has a fully adjustable accurate image processing amplifier, 10-bit quantization image processing, and a color bar generator rated at 75% for SDI image adjustment. One SDI input with RS-232 control, and composite, Y/C and component outputs.

#KRFC7402..... **Call or Log-on**
#KRFC7501..... **Call or Log-on**

CDM-830TR
Standards Converter

The unit has the ability to convert NTSC, PAL and SECAM signals. It also has built in TBC for stable video passage and conversions.

- This device has the ability to automatically detect the input television standard
- Processing controls are available to adjust brightness, contrast, color saturation and phase
- Rack mountable

#AVCDM830TR..... **$999.95**

MD-0114 / MD-0114-EQ
1x4 Composite Video Distribution Amplifier

Marshall

Marshall 1x4 composite (BNC) distribution amplifiers distribute a composite video signal input to (4) signal composite outputs. The MD-0114-EQ step-up offers gain and EQ adjustments. Ideal for desktop video or signal distribution for multimedia applications.

MD-0114 1x4 #MAMD0114 ..... **$79.95**
MD-0114-EQ 1x4 With gain & EQ controls #MAMD0114EQ **$119.95**

EXT-DVI-144 / 145 / 147
DVI Signal Distribution Amplifiers

Gefen

Gefen stackable DVI signal distribution hubs allow you to send (1) DVI graphics source to multiple DVI digital displays. The unit includes built-in DVI detection for storage of EDID data and supports DDWG standards for DVI monitors. Supports 1.65 Gbps video amplifier bandwidth, and maintains the highest DVI, single-link 1920 x 1200 video resolution.

EXT-DVI-144 1x2 #GE1X2DSDA **$259.95**
EXT-DVI-145 1x4 #GE2X4DSDA **$519.95**
EXT-DVI-147 1x4 #GE3X6DSDA **$759.50**

VP-200N / 300N / 400N
High-Resolution XGA Distribution Amplifiers

KRAMER

Comprehensive's high-performance XGA amplifiers are designed for use with computer graphics video signals ranging from VGA to UXGA. Capacity can handle a bandwidth up to 400MHz and is HDTV compatible.

VP200N 1x2 XGA #KRVP200NK ..... **Call or Log-on**
VP300N 1x3 XGA #KRVP300NK ..... **Call or Log-on**
VP400N 1x4 XGA #KRVP400NK ..... **Call or Log-on**

EXT-HDMI-142 / 144 / 148
HDMI Signal Distribution Amplifiers

Gefen

Output to multiple HDMI/DVI monitors from one video source. Allows satellite receivers, HD-DVD players, and other HDTV devices with HDMI output to be displayed on multiple HD monitors from one source signal. Daisy-chain multiple splitters to form a network. Maintains high-resolution video up to 1080p, and computer resolutions up to 1920 x 1200.

EXT-HDMI-142 1x2 #GE1X2HHDA **$259.95**
EXT-HDMI-144 1x4 #GE1X4HDA **$419.95**
EXT-HDMI-148 1x8 #GE1X8HDMDA **$779.95**

1T-DA8CVB / 1T-DA8SV
1x8 Analog Video Distribution Amplifier

iTwone

Amplifies and distributes a single analog video input into eight separate video signal outputs. Ideal for distributing a single video signal throughout a facility or multiple home displays. Durable, rugged metal case for adequate shielding.

1T-DA8CVB 1x8 composite (BNC) D/A #TV1TDA8CVB **$129.95**
1T-DA8SV 1x8 S-video D/A #TV1TDA8SV **$129.95**

SDA-172P / LKS-WSU
1x3 SDI Distribution Amplifiers

Miranda

SDI video distribution amplifiers accept an SDI digital video signal and outputs three signals for distribution. The input automatically adjusts to formats of 143, 177, 270, 360 and 540 Mbps, and re-clocks and equalizes the signal to 250 meters of cable.

SDA-172P 1x3 SDI D/A #MISDA172P **$434.95**
LKS-WSU Required LKS-WSU universal wall plug-in power supply #MILKSWSU **$69.95**

HD-D205
HDMI Distribution Amplifier

RT COM

Split (2) HDMI video sources to (5) HDMI displays. Daisy-chain up to (4) of these units for increased distribution capacity. This unit features built-in signal amplification to ensure lossless, noise-free signal transmission over extended distances. Blu-ray compatible and HDCP compliant on all output channels.

#RTHDD205 ..... **$394.95**

LEI-550 / LEI-555 / LEI-589
1x6 SDI Video Distribution Amplifiers

LINK Electronics

Output 6 SDI signals from one source. Offers automatic EQ and dual-gain control outputs to adjust video levels on (2) 3-output banks for variable video level adjustment.

The LEI-155 step-up re-clocks the input signal for distribution over longer distance cables.

LEI-550 #LILEI550 ..... **$504.95**
LEI-555 Re-clocking up to 500 feet #LILEI555 ..... **$548.95**
LEI-589 SD-SDI closed caption decoder, Two fields #LILEI589 ..... **$839.95**

1T-HDMI-612 / 614 / 618
HDMI Distribution Amplifiers

iTwone

Designed to convert (1) HDMI input into multiple HDMI outputs without signal degradation or loss of encryption. Supports 480i, 480p, 720p, 1080i, and 1080p resolutions. Certified by the Silicon Images ATC Laboratory and supports DDWG standard for HDMI, HDCP, and RoHS compliant monitors. Maximum bandwidth capacity of 1.65GHz. Supports a maximum cable distance of approximately 50'.

1T-HDMI-612 #TV1THDMI612 ..... **$284.95**
1T-HDMI-614 1x 1x2 HDMI #TV1THDMI618 ..... **$239.95**
1T-HDMI-618 1x4 HDMI 8 HDMI #TV1THDMI614 ..... **$469.95**

VM-1042 / 1044 / 1055
High-Resolution Distribution Amplifiers

Comprehensive

With over 400 Mhz of video bandwidth, the HRS-02-DR5 is the perfect choice for all high-resolution presentation or broadcast applications. Ultra-wide bandwidth supports high-resolution RGB, RGBS, RGBHV, YUV component video and HDTV.

VM-1042 1x2 component video (200MHz bandwidth) #KRVM1042 ..... **$504.00**
VM-1044 1x4 RGBS, YUV, component video (320MHz bandwidth) #KRVM1044 ..... **$374.95**
VM-1055 1x5 RGB, RGBS, RGBHV and YUV video (300MHz bandwidth) #COVM1055 ..... **$660.00**

4X1V / 4X1VB / 4X1S
4x1 Mechanical Video Switchers

Measuring only 4.7" wide, this pocket-sized enclosure is ideal for tight spaces. These mechanical video switchers use no power, and are great for locations where AC power is difficult to access.

4X1V 4x1 RCA
#KR4X1V **$132.00**

4X1VB 4x1 composite, BNC
#KR4X1VB **$132.00**

4X1S 4x1 S-video
#KR4X1S **$132.00**

AVT-5921 / AVT-5941
HDMI Routing Switchers

Enables HDMI switching of (2) HDMI inputs. Supports HDTV resolutions of 480p, 720p, 1080i, and 1080p.

- 1.65 GHz bandwidth
- HDMI and HDCP compliant
- Infrared remote control

AVT-5921 2x1
#AVAVT5921 ..... **$39.95**

AVT-6041 4x1
#AVAVT6041 ..... **$96.95**

1T-SX-632 / 1T-SX-634
HDMI Routing Switchers

The 1T-SX-632 switches between (2) HDMI inputs, and the 1T-SX-634 switches up to (4) HDMI inputs. Supports embedded audio—Dolby® Digital TrueHD and DTS-HD. Supports HDTV resolutions—480p, 576p, 720p, 1080i and 1080p. SDTV resolution support of 480i and 576i. PC resolutions up to 1920 x 1200.

1T-SX-632 2x1 HDMI Switching
#TV1TSX632 ..... **$112.95**

1T-SX-634 4x1 HDMI Switching
#TV1TSX634 ..... **$149.95**

EXT-HDMI-241N / 341 / 441 / 442 / 841
HDMI Switchers

Gefen HDMI switchers enable effortless HDMI source switching using a single high definition display. Link up to 8 HDMI sources with the DHMI-841 to one HDMI display. Eliminates the need to disconnect then reconnect multiple HDMI sources. When all devices are connected to the 2x1 HDMI switcher and powered on, simply select which source you want to view. An IR remote comes included.

EXT-HDMI-241N 2x1 HDMI Switcher #GEEXTHDMI241 ..... **$214.95**
EXT-HDMI-341 3x1 HDMI Switcher #GE3X1HDMS **$292.95**
EXT-HDMI-441 4x1 HDMI Switcher #GE4X1HDMSB **$389.95**
EXT-HDMI-442 4x2 HDMI Switcher #GE4x2HDMS **$499.50**
EXT-HDMI-841 8x1 HDMI Switcher #GE8X1HS **$69 9.95**

CVG-801XL / 802RS232 / 804XL / 808XL
Vertical Interval Switchers

Up to 8 inputs and 8 outputs can be switched with Comprehensive's vertical interval switchers. DA functionality and glitch-free transitions from referenced input sources to the output destination. Remote operation is possible via RS-232 and RS-485. RS-232 operation accessed through a PC and RS-485 utilizes contact closure. Rack mountable.

CVG-801XL 8x1 composite #KRVS801XLM **$499.95**
CVG-802RS232 8x2 composite #KRCVG802XL **$949.95**
CVG-804XL 8x4 composite #KRCVG804XL **$524.95**
CVG-808XL 8x8 composite #COCVG808XL **$849.95**

RS-88YCB / RS-88RB
Audio/Video 8x8 Vertical Interval Matrix Switcher

Any input can be routed to any or all outputs simultaneously, with this 8 x 8 vertical interval matrix switcher. Stereo audio and video can be switched together or separately for breakaway capabilities. Stores 8 preset matrix patterns for quick recall.

- RS-232 control
- Rack mountable

RS-88YCB 8x8 S-video (Y/C) #KNRS88YCB **$1,854.95**
RS-88RB 8x8 Component video #KNRS88RB **$3,269.95**

STUDIO VIDEOHUB
HD/SD SDI Routing Switcher

The Studio Videohub Router from Blackmagic Design is a solution designed to eliminate complicated, manual video patching by allowing you to connect all your equipment to a single router controlled via software. This unit is a broadcast-grade routing switcher that features (16) inputs, (32) outputs, and (16) deck control ports. It supports auto-switching with SD, HD, and 3Gbps SDI. The chassis can be mounted in a standard 19" equipment rack and its slimline profile is only several inches deep.

BLVHUBST ..... **Call or Log-on**

862-XL818HD-3A
HD-SDI Video Router with Analog Stereo Audio

This 8x8 HD/SDI routing system features a modular design. Video and audio upgrades are available via plug-in modules. Two power supply slots are accessible from the front panel. One power supply comes standard. A redundant power supply is available as an option. Detachable X-Y front panel control has an Ethernet 10-base-2 coaxial connection. RS-232 is provided through a standard D-sub connector. Modular construction offers configuration flexibility for the user, providing easy options for adding features or upgrading digital modules.

- Maximum of 256 Remote Panels

#LI862XL818HD 8x8 HD/SD SDI routing **$7,899.95**

WFM-5000
HD/SD-SDI Portable Waveform Monitor

Tektronix

This studio or the field video monitoring/calibrating tool employs fully digital processing for accurate, repeatable, drift-free operation. It offers automatic format detection, and an integrated adjustable high-luminosity display that is sharp and easy to read in full sunlight. The front-panel has a USB for easy transfer of instrument presets and audio headphone ports, and screen shots and an error log are easily downloaded via the Ethernet port. 32 user-configurable presets for quick configuration recall and monitor for up to (16) embedded channels (1 AES audio input). Audio bars and Lissajous curve displays.

#TEWFM5000 ..... **$6,643.95**

5850V NTSC
Vectorscope Line Select Monitors

LEADER

The 5860V composite, waveform monitor accepts two separate analog composite signals with a picture monitor output for viewing and specific line selection for horizontal sweep. The 5850V vectorscope accepts an analog composite signal for color phase measurements, and has a line select signal to display vector information for the selected line.

#LE5850V NTSC Vectorscope Monitor **$2,417.75**
#LE5860V NTSC Waveform Monitor **$1,990.25**

5872A
Waveform Monitor and Vectorscope

LEADER

Waveform Monitor and Vectorscope combination that accepts 2 composite signals. Overlays the signals so they can be compared or viewed simultaneously. Differential Gain/Differential Phase measurements are possible with this unit. Line select with 9 presets, full raster line select, chroma and IRE filters, universal voltage.

#LE5872A **$4,745.95**

SVR-1100S8B
2-Channel Waveform/Vectorscope

COMPUVIDEO

The SVR-1100 S8B has dual-chan. composite & 1-ch. Y/C, 1-ext. reference w/loop thru inputs and subcarrier capture ± 50Hz. The SVR-1100 DV adds 1-4:2:2 serial digital, parade with vector, analog/component 525/60 & 625/50, Digital encoder SDI to composite.

#COSVR1100S8B Dual-channel **$2,298.95**
#COSVR1100DV 4:2:2/SDI **$4,498.95**

SVR-1700HSD
HD/SD Waveform and Vectorscope

COMPUVIDEO

The SVR-1700HSD is a two-channel combination waveform monitor and vectorscope; it measures SDI High Definition/Standard Definition, composite and component HD/SD video signals, offering standard features within a monochrome display.

- Smart Master Control • 6" CRT • Multiple displays
- Variable Sweep • Multi-function • DA outputs

#COSVR1700HDS **$5,799.95**

TWIN SPLIT RGB
1x2 RGB Distribution Amplifier with Sync

Communications Specialties, Inc.

The Twin Split RGB is a 1x2 component video distribution amplifier that splits either RGB or YUV signals and offers input/output options for various sync signals. Its fully buffered quality output circuitry isolates each output so that if a problem with one cable arises it will not affect the other outputs. Sync options consists of Composite Sync, Separate H&V, Sync on Green, and Sync on All.

#COTSRGB **$339.95**

CVG-CVA2LD / CVG-SVA-2LD
Video, Stereo Line Drivers / Distribution Amplifier, Level, and EQ

Comprehensive

Boost your audio and video signals with these audio and video line drivers, distribution amplifiers. They have one A/V input and drive that video and stereo audio input to two equalized outputs, up to 500 feet.

CVG-CVA2LD Composite Video
#COCVGCVA2LD **$239.20**

CVG-SVA-2LD S-Video (Y/C) Video
#COCVGSVA2LD **$239.20**

EXT-COMP-141N / EXT-COMPAUD-141
Component RGB Extender

Gefen

Component (RGB) video extender is a sender with receiver system that transfers signals over single common CAT-5e network cables up to 330' (100 m). Supports HD resolutions up to 1080p without any reduction in video quality. The EXT-COMPAUD-141 can transmit two-channels (left +right) of analog or digital audio.

EXT-COMP-141N Component #GEECVC **$273.95**
EXT-COMPAUD-141 Component with Audio #GEEXTCOMPAUD **$364.95**

EXT-FW-1394B
FireWire Extender

Gefen

Transmit FireWire-800 or FireWire-400 data signals over 2-strand LC-LC fiber optic cable. This cable supports runs of up to 1640' (500 m), making it an ideal solution for remotely locating FireWire devices. This kit includes a transmitter, receiver, power supply, and FireWire cables. The required fiber optic cabling is not included. Cross platform compatible.

#GEFWE **$824.95**

KRVP-103
Interface Converter and Line Driver w/ Cable Equalization

OCEAN MATRIX

KRVP-103 is an interface converter for computer generated video; it accepts video from a computer source on an HD-15 connector and interfaces to a 5 BNC output for RGBHV connectivity. This device also features cable EQ and line amplification to drive a projector and local monitor simultaneously.

#OCKRVP103 ..... **$336.95**

HDPR
RT COM
HDMI Repeater Module

The RTcom HDPR is a repeater designed to extend the maximum length of one High Definition Media Interface (HDMI) connection. With the standard becoming the primary HDTV transmission method, custom installations often require longer cable lengths than the maximum HDMI length of 16 ft (5m). This module allows two HDMI cables to be chained together with no signal loss.

#RTHDPR180 1x8 S-Video D/A **$149.95**

IEEE-1394B
RT COM
FireWire Fiber Optic Box Repeater/Extender

IEEE-1394B Fiber Optic Repeater allows any FireWire 400 or FireWire 800 device to be placed up to 1,640' (500 m) away from a computer or other signal source by converting the signal to a fiber optic one to transmit over multi-mode glass of fiber (MM GOF). Extends any IEEE 1394b device up to 820' (250 m) at 62.5/125um and 1,640' (500 m) at 50/125um.

#RTIEEE1394B **$898.95**

AVT-8710
Multi-Standard Time Base Corrector

Eliminate picture jitter and time base errors in video tape playback.

- Processes NTSC, PAL and SECAM video signals
- Automatic gain control
- Digital comb filter provides superior signal decoding
- Built-in color bar generator that sends out a test pattern when there is no video input

#AVAVT8710 ..... **$214.95**

TBC-1000 / 7000
datavideo
Single Channel Time Base Corrector

Correct unstable video without signal noise or loss, plus adjust video levels. TBC-1000 is also a 1x4 D/A.
The TBC-7000 TBC has freeze frame, genlock, color bars & YUV 4:2:2 color sampling.

TBC-1000 Single Channel TBC and 1x4 D/A #DATBC1000 ..... **$474.95**
TBC-7000 2-Channel TBC w/Dual-Layer Chroma key #DATBC7000 ..... **$959.95**

1T-TBC
iVone
Multi-Standard Time Base Corrector

Multi-standard time base correctors that correct for time base errors in videotape playback or to correct for instability in most video signals

- Composite, Y/C, Proc-Amp, NTSC, PAL, SECAM
- Built-in processing "Proc-amp" amplifier
- Comb filter for decoding video input

#TV1TTBC **$369.95**
#TV1TTBCGL with Gen-Lock **$459.95**

AR-31R & AP41 SERIES
HOTRONIC, INC.
TBC/Frame Sync/Proc-Amplifiers

The AR-31R is a TBC/Frame sync offering Y/C and composite input and output.

- Digital comb filter • Genlock for reference
- AP-41 series are and have front panel potentiometers to control video image levels

AR-31R TBC Frame Sync with Remote #HOAR31R **$799.95**
AP-41 TBC Frame Synchronizer #HOAP41 ..... **$954.95**
AP-41SF Time Base Corrector / Frame Synchronizer #HOAP41SF **$1,249.95**
AP-41SP Time Base Corrector / Frame Synchronizer #HOAP41SP **$1,649.95**
AP-41SPD Time Base Corrector / Frame Synchronizer #HOAP41SPD **$1,874.95**

QS-440-1
KeyWest TECHNOLOGY
Four Channel Picture In Picture

Four channel picture- in-picture with the ability to adjust size, position, aspect ratio and edge enhancement.

- Independent channels- composite, Y/C • Genlock input • Key out • TBC • Proc-amp • NTSC/PAL
- RS-232 control • Rack mountable

#KEQS4401 ..... **$3,099.95**

SP-11D
KRAMER
Video Processor

Broadcast quality, video processor that functions as a proc-amp, a TBC, a format converter and a standards converter for composite video, S-Video (Y/C), RGB/component video (YUV or RGBS) and SDI video signals. The original and processed image can be viewed simultaneously with the split screen output enabled. NTSC, PAL and SECAM analog formats can be inputted and output in any other standard.

- Rackmountable • Screen splitter

#KRSP11D **$3,116.95**

BVTBC10
KeyWest TECHNOLOGY
10 Bit TBC / Frame Synchronizer

These series time base correctors and synchronizers have composite and Y/C I/O's with full proc-amp controls and genlock. Plus the units have freeze frame, color bars, pedestal level, detail and NTSC and PAL standards adjustments.

#KEBVTBC10SI SDI Input, Y/C I/O, Composite I/O, RS-232, NTSC PAL **$1,495.95**
#KEBVTBC10SO Composite, Y/C, SDI Output, NTSC PAL, RS-232 ..... **$1,594.95**
#KEBVTBC10SD Composite, Y/C, SDI, Genlock, RS-232 ..... **$1,684.95**

50II / 50III
Prime Image
Time Base Corrector / Frame Synchronizer

Full-featured video TBC, frame synchronizer, and proc amp that is ideally suited to exceed a wide variety of video production applications. It does full transcoding of composite and component signals, and inputs may be synchronous or non-synchronous. The 50 III add inputs SDI 525/635 (SMPTE 259-C), and component (Y:R-Y:B-Y) with proc amp control on all inputs.

50II Composite Y/C #PR50II **$1,889.95**
50III SDI and Component #PR50III **$4,499.95**